



VISION
KEY-20

61 KEY ELECTRONIC KEYBOARD

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USER MANUAL

WARNING!

Do not open cover. No user-serviceable parts inside. Refer servicing to qualified service personnel
Do not place the product in a location near a heat source such as a radiator, or in an area subject to direct sunlight, excessive dust, mechanical vibration or shock
The product must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the product
No naked flame sources, such as lighted candles, should be placed on the product
Allow adequate air circulation and avoid obstructing vents (if present) to prevent internal heat build-up.
The ventilation must not be impeded by covering the appliance with items such as newspapers, tablecloths, curtains etc.
The mains plug is used to disconnect the appliance from the mains supply. Ensure that the mains outlet is easily accessible and remove the plug from the mains outlet if you notice any abnormality with the appliance.
If used improperly, batteries may explode or leak and cause damage or injury. In the interest of safety:
Make sure you observe the correct polarity when replacing batteries
Avoid new batteries together with used ones
Avoid mixing different types of batteries
Remove batteries if the appliance is to remain unused for an extended period of time
Never keep batteries together with metallic objects such as ballpoint pens, necklaces, hairpins, etc.
Used batteries must be disposed of in compliance with whatever regulations for their safe disposal that may be observed in the region in which you live.
Batteries must not be exposed to excessive heat such as sunshine, fire or the like.
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

VAROVÁNÍ!

Nezakrývajte. Uvnitř nejsou žádné součásti opravitelné uživatelem. S požadavkem na servis se odkažte na kvalifikované servisní oddělení.
Neumísťujte produkt v blízkosti zdroje tepla, jako je radiátor, nebo na místo s přímým slunečním světlem, nadměrným prásením, mechanickými vibracemi nebo šokem.
Produkt nesmí přijít do kontaktu s vodou a žádné objekty naplněné tekutinami, jako například vázy, by neměly být umístěny na produkt.
Žádné zdroje otevřeného ohně, jako například svíčky, by neměly být umístěny na produkt.
Umožněte dostatečnou cirkulaci vzduchu a vyhněte se obstrukci ventilátorů (pokud jsemu přítomné) pro předejiti interního přehřívání. Ventilace nesmí být narušena překrytím zařízení výrobky jako např. novinky, kuchyňské úterky, záclony apod.
Hlavní kabel umožňuje odpojit zařízení od elektrického zdroje. Ujistěte se, že hlavní napájecí výstup je snadno dostupný a odpojte kabel pokud zaznamenáte jakoukoliv abnormitu na zařízení.
Pokud je zařízení používáno nesprávně, baterie mohou explodovat nebo prosakovat a způsobit škodu nebo zranění. V zájmu bezpečnosti postupujte následovně:
Uistite se, že baterie jsou v správné poláritě při jejich výměně
Vyhýbejte se používání nových baterií se starými
Vyhýbejte se používání různých typů baterií
Baterie vyměňte za zařízení, pokud není používáno po delší dobu
Nikdy nedrážte baterii v blízkosti železných objektů jako kuličkové pero, náhrdelník, sponky a pod.
Použité baterie musí být likvidovány v souladu s regulacemi toho daného území na kterém žijete.
Baterie nesmí být vystaveny nadměrnému teplu, jako například slunečnímu záření, ohni a podobně.
Nebezpečí exploze pokud je baterie nesprávně vyměněna. Nahrádte pouze stejným, anebo ekvivalentním typem.

DVARSEL!

Dækslet må ikke åbnes. Ingen bruger-udsiftelige dele indeni. Overlad service til kvalificeret service personale
Placer ikke produktet i nærheden af varmekilder såsom en radiator eller i direkte sollys, meget støv, mekaniske vibrationer eller stød
Produktet må ikke udsættes for vand eller støn, og ingen genstande fyldt med væske, f.eks. vaser, må anbringes på produktet
Må ikke placeres nær åben ild, da dette kan forårsage brand
Vær sikker på at der er tilstrækkelig luftcirkulation og undgå at dække ventilatører (hvis der er nogen) for at undgå at produktet bliver varmt. Ventilationen må ikke blokeres med overdekning af apparatet med genstande som viser, dag, gardiner osv.
Stikket bruges til at afbryde apparatet fra strømmen. Sikre at stikkontakten er let tilgængelige, og fjern stikket fra stikkontakten, hvis du bemærker noget uormalt med apparatet.
Hvis denne bruges forkert så kan batterierne eksplodere eller løkke og forårsage skader. Af hensyn til sikkerheden:
Sørg for at overholde den korrekte polaritet, når du udskifter batterierne
Undgå at bruge nye batterier sammen med brugte batterier
Undgå at blande forskellige typer af batterier
Fjern batteriene, hvis apparatet ikke bliver brugt i en længere periode
Opbevar aldrig batterier sammen med metalgenstande såsom kuglepenne, halskæder, hårnåle osv.
Brugte batterier skal bortslettes i overensstemmelse med reglerne for sikker bortsaffelse i det område hvor du bor
Batterier må ikke udsættes for stærk varme som direkte sollys, ild eller lignende.
Eksplosionsfare hvis batteriet udskiftet med en forkert type. Udskift det kun med samme eller tilsvarende type.

WAARSCHUWING!

Maak de behuizing niet open. Dit toestel bevat geen onderdelen die door de gebruiker kunnen worden vervangen. Laat onderhoud over aan bevoegd onderhoudspersoneel.
Plaats het product niet in de buurt van een hittebron zoals een radiator of in direkt zonlicht of in een stofrijke omgeving, mechanische vibratie of schok.
Plaats het product niet in de buurt van spattende of lekkende voorwerpen gevuld met een vloeistof zoals bijvoorbeeld een vaas.
Er mogen geen open vlammen zoals aangestoken kaarsen op de apparatuur worden geplaatst.
Zorg om overheating voorkomen voor voldoende ventilatie en bellermer ventilatiestrokers niet.
Bedenk het product niet met dingen zoals kranten, tafellakens, gordijnen etc.
De stekker van dit apparaat wordt gebruikt om het apparaat aan en uit te zetten. Zorg ervoor dat het stopcontact gemakkelijk bereikbaar is en haal de stekker uit het stopcontact als u enige onregelmatigheid ondervindt.
Bij onjuist gebruik kunnen de batterijen exploderen of lekken en zo schade of verwondingen aanbrengen, in het belang van de
Zorg dat u de juiste batterijen gebruikt
Vermijd nieuwe met oude batterijen samen te gebruiken.
Vermijd verschillende soorten batterijen samen te gebruiken.
Verwijder batterijen als het apparaat een lange tijd niet gebruikt wordt.
Bewaar batterijen nooit met metalen voorwerpen zoals ballpoint pennen, kettingen, haarspeld.
Verwijder de lege batterijen overeenkomstig de reglementen die in uw land in effect zijn.
Batterijen mogen niet vrijgesteld worden aan extreme hitte zoals zonneschijn of vuur.
Gevaar van explosie als de batterij niet goed geplaatst is. Vervang alleen met de geschikte of zelfde soort batterij.

EN

VAROITUS!

Älä avaa kantta. Ei sisällä käyttäjä-huollettavia osia. Huolot saa suorittaa vain pätevä huoltomies.
Älä säälytä tuotetta minikään kuuman läheillä kuten patteri tai suorassa auringonpaisteessa, pölyisessä, mekaanisessa värinässä tai ikussa
Tuotetta ei saa alista tippuvalle tai loiskeelle tai nesteitä sisältäviä tuotteita kuten maljakko eivät saa olla tuotteen lähettyvillä
Avotulia kuten sytytetyt kynttilä ei saa olla tuotteen päällä.
Sali riittävä ilmanterio ja välit ulosaukkojen tukkiminen (jos sellaisia on olemassa) estämään sisäisen lammon muodostumisen. Tuuletusta ei saa estää peittämällä laite esineillä, kuten sanomalehdillä, pöytälinjoilla, verhoilla jne.
Verkkovirtapistoketta käytetään irrottaamaan laite verkkoirrastta. Varmista, että pistorasia on helposti saatavilla ja irrota pistotulppa pistorasiasta, jos havaitset joain epänormaalia laitteessa.
Jos laitetta käytetään väärin, akut voivat räjähtää tai vuota ja aiheuttaa vaurioita tai vammoja.
Turvallisuuden vuoksi:
Varmista, että paristo on valihdettu oikein
Älä käytä uusia paristoja yhdessä vanhojen kanssa
Vältä erilaisten paristojen sekoittamista
Poista paristo, jos laitetta ei käytetä pitkään aikaan
Älä koskaan pidä akkuja yhdessä metallisten esineiden kanssa, kuten kuulakärkynät, kaulakorut, hiusneulat jne.
Käytetyn pariston on hävitettävä vähintään turvallisuus käsittelyn koskevia määräyksiä alueella.
Paristoja ei saa alista lämmöille kuten auringonpaiste tai tulit tai vastaava.
Räjähdysvaara, jos akku on valihdettu väärin. Korvaa vain samalla tai vastaavan tyypillisellä.

CZ

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ATTENTION!

FR

Ne pas ouvrir le couvercle. Aucune pièce interne réparable par l'utilisateur. Confier la réparation à du personnel de réparation qualifié.
Ne pas laisser l'appareil à proximité d'une source de chaleur telle qu'un radiateur, dans un endroit directement exposé aux rayons du soleil, trop poussiéreux, ou pouvant subir des chocs mécaniques L'appareil ne doit pas être exposé aux gouttes d'eau et aux éclaboussures, et aucun objet rempli de liquide, tel qu'un vase, ne doit être posé dessus.
Ne placer aucune source de flamme nue, telle qu'une bougie allumée, sur l'appareil
Assurer une circulation d'air suffisante et éviter d'obstruer les fentes (le cas échéant) afin d'éviter une surchauffe interne. La ventilation ne doit pas être bloquée en couvrant l'appareil avec des objets tels que des journaux, des nappes, des rideaux, etc.
La prise secteur est utilisée comme dispositif de débranchement. La prise murale doit être facile d'accès, et en cas d'anomalie de l'appareil, débrancher la prise de courant au niveau de la prise murale. Si elles ne sont pas manipulées correctement, les piles risquent de couler ou d'explorer, et occasionner des dégâts matériels ou des blessures. Par mesure de sécurité :
Respecter la polarité lors du changement des piles
Évitez d'utiliser des piles neuves et des piles usagées en même temps
Évitez d'utiliser des types de piles différents en même temps
Si l'appareil doit rester inutilisé pendant une longue période, retirer les piles
Ne jamais mettre les piles en contact avec des objets métalliques tels que des stylos à bille, des colliers, épingle à cheveux, etc.
Les piles usagées doivent être éliminées conformément aux réglementations nationales spécifiques.
Les piles ne doivent pas être exposées à des sources de chaleur excessive telle que les rayons du soleil, le feu, etc.
Risque d'explosion si la pile est remplacée de manière incorrecte. Remplacer uniquement avec le même type ou équivalent.

WARNUNG!

DE

Öffnen Sie nicht das Gehäuse. Im Inneren befinden sich keine vom Benutzer zu wartenden Teile.
Überlassen Sie Wartungsarbeiten qualifiziertem Fachpersonal.
Stellen Sie das Produkt nicht an einen Ort in der Nähe einer Wärmequelle wie etwa eines Heizkörpers oder in einem Bereich mit direktem Sonnenlicht, übermäßigem Staub, mechanischen Vibrationen oder Stößen.
Schützen Sie das Produkt vor tropfenden oder spritzenden Flüssigkeiten, und stellen Sie keine mit Flüssigkeiten gefüllten Gegenstände wie Vasen auf das Produkt.
Offene Feuerquellen wie Kerzen dürfen nicht auf dem Gerät abgestellt werden.
Sorgen Sie für eine ausreichende Luftzirkulation und vermeiden Sie, dass die Lüftungsschlüsse (falls vorhanden) abgedeckt werden, um einen internen Wärimestau zu verhindern. Die Belüftung darf nicht durch Abdecken des Gerätes mit Gegenständen wie Zeitungen, Tischdecken, Vorhängen usw. blockiert werden.
Der Netzstecker dient zum Trennen des Gerätes vom Netz. Vergewissern Sie sich, dass die Steckdose leicht zugänglich ist, und ziehen Sie den Stecker aus der Steckdose, wenn Sie eine Anomalie mit dem Gerät bemerken.
Bei unsachgemäßer Verwendung können Batterien explodieren oder auslaufen und Schäden oder Verletzungen verursachen. Im Interesse der Sicherheit:
Achten Sie beim Austausch der Batterien auf die richtige Polarität.
Vermeiden Sie es, neue Batterien zusammen mit gebrauchten Batterien zu verwenden.
Vermeiden Sie es, verschiedene Batterietypen zu mischen.
Entfernen Sie die Batterien, wenn das Gerät über einen längeren Zeitraum nicht benutzt wird.
Bewahren Sie niemals Batterien zusammen mit metallischen Objekten wie Kugelschreiber, Halsketten, Haarnadeln usw. auf.
Gebrachte Batterien müssen entsprechend den in Ihrer Region geltenden gesetzlichen Vorschriften entsorgt werden.
Batterien dürfen nicht extremer Hitze wie Sonnenschein, Feuer oder dergleichen ausgesetzt werden. Wird die Batterie unsachgemäß ausgewechselt, besteht Explosionsgefahr. Austausch nur durch identischen oder funktionsgleichen Batterietyp.

AVVERTIMENTO!

IT

Non aprire il coperchio. Se fosse necessario, riferirsi ad un esperto.
Non esporre il prodotto a fonti di calore, luce del sole diretta, polvere, vibrazioni meccaniche o altri possibili shock.
Non esporre il prodotto a perdite di liquido o a spruzzi. Non appoggiare nessun oggetto contenente acqua sul prodotto.
Non esporre il prodotto a fuoco, candele o oggetti simili.
Assicurarsi la circolazione dell'aria e non ostruire le ventole, se presenti, per evitare il surriscaldamento. La ventilazione non deve subire impedimenti dovuti a giornali, tovagliette, tende, ecc.
La spina principale viene utilizzata per disconnettere il prodotto dalla principale fonte di energia.
Assicurarsi che la spina sia facilmente accessibile e disconnettere l'unità nel caso si notassero dei difetti di funzionamento.
Se utilizzate in modo improprio, le batterie possono esplodere o perdere liquido e causare danni o ingiurie. Per la vostra sicurezza:
Fate in modo di rispettare la polarità quando le batterie vengono sostituite
Evitate di combinare batterie vecchie e nuove
Evitate di combinare differenti modelli di batterie
Rimuovere le batterie se il prodotto rimane inutilizzato per lunghi periodi di tempo
Non avvicinare mai le batterie a oggetti metallici quali penne a sfera, collane, spille, ecc.
E' necessario disporre delle batterie usate secondo le regole stabilito nel paese in cui vivete.
Le batterie non devono essere esposte a fonti di calore eccessive come fuoco, luce del sole, ecc.
Pericolo di esplosione nel caso in cui la batteria non venga inserita correttamente. Rimpiazzare la batteria usata con un modello uguale.

ADVARSEL!

Ikke åpne deksellet. Innholder ingen deler som kan brukes. Overlat reparasjon til kvalifisert servicepersonell.
Ikke plasser produktet i nærheten av varmekilder som f.eks. en radiator, eller i områder som er utsatt for direkte sollys, mye støv, mekanisk vibrasjoner eller støt.
Produktet må ikke utsettes for dripping eller spraying, og gjenstander som er fylt med væsker, som f.eks. vaser, skal ikke plasseres på produktet.
Åpne flammer, som f.eks. tente lys, bør ikke plasseres på produktet.
Tillat tilstrekkelig luftsirkulasjon og unngå å blokkere ventilør (hvis tilstede) for å forhindre intern varmeoppsamling. Pass på at ventilasjon ikke hindres ved å unngå å dekke apparatet med ting som aviser, bordduken, gardiner osv.
Stikkontakten brukes til å koble apparatet fra strømforsyningen. Forsikre deg om at stikkontakten er lett tilgjengelig og ta stoppselet ut av stikkontakten hvis du oppdager uregelmessigheter under bruk av apparatet.
Hvis feilaktig bruk kan batteriene eksplodere, lekke, og forårsake skade. For sikkerhets skyld:
Pass på at du følger riktig polaritet når du bytter batterier
Unngå å bruke nye batterier sammen med brukte
Unngå å blande forskjellige typer batterier
Fjern batteriene hvis apparatet skal forblie ubrukt over en lengre periode
Ikke oppbevar batteriene sammen med metalliske gjenstander som for eksempel kulepenner, halskjeder, hårnåler osv.
Brukte batterier må kastes i samsvar med gjeldende regelverk for trygg kasting i regionen du bor i.
Batterier må ikke utsettes for høy varme som f.eks. solskinns, brann eller lignende.
Fare for eksplosjon dersom batteriet ikke er erstattet på riktig måte. Erstatt kun med samme eller tilsvarende type.

OSTRZEŻENIE!

PL

Nie otwierać pokrywy. W środku nie ma części nadających się do naprawy przez użytkownika. Prosimy pozostawić serwis dla wyszkolonego personelu.
Nie umieszczać produktu w pobliżu źródła ciepła, np. grzejnika, lub w bezpośrednim świetle słonecznym, kurzu, czy mechanicznym振动em.
Produkt ten nie może być eksponowany na kapanie lub chłapanie, a przedmioty wypełnione płynami, takie jak wazy, nie powinny być na nim umieszczane.
Źródło otwartego ognia, takie jak np. świece, nie powinny być umiejscowiane na produkcji.
Należy zapewnić odpowiednią wentylację i uniikać blokowania otworów wentylacyjnych, aby uniknąć wewnętrznego wzrostu temperatury. Wentylacja nie powinna być utrudniana poprzez nakrywanie urządzenia gazetami, obrusami czy zasłonami.
Wtyczka sieciowa służą do odłączenia urządzenia od zasilania sieciowego. Należy upewnić się, że gniazdo sieciowe jest łatwo dostępne, a w razie wystąpienia nieprawidłowości w funkcjonowaniu urządzenia odłączyc je od zasilania sieciowego.
Jeżeli produkt jest używany nieprawidłowo, baterie mogą eksplodować lub przeciekać. W celu zachowania bezpieczeństwa należy:
Upewnić się, że wymieniane baterie mają odpowiednią polaryzację
Unikać jednociennego używania nowych i używanych baterii
Unikać mieszania różnych typów baterii
Usunąć baterię, jeżeli urządzenie nie będzie używane przez długi okres czasu.
Nigdy nie przechowywać baterii razem z metalowymi obiektyami, takimi jak długopisy kulkowe, naszyjniki, spinki do włosów itd.
Zużytych baterii należy pozbyc się zgodnie z przepisami o bezpiecznym usuwaniu obowiązujących w zamieszkuje regionie.
Bateria nie mogą być wyeksploseowane na nadmierne gorąco, jak np. słońce czy ogień.
jeżeli bateria zostanie wymieniona nieprawidłowo, istnieje niebezpieczeństwo eksplozji.

ATENÇÃO!

PT

Não abra a tampa. Não tente a reparação do instrumento por si. Dirija-se a um pessoal qualificado.
Não aproxime a uma fonte de calor excessivo ou exponha o produto à luz solar, poeira, vibração ou choque.
Não mantenha o produto num local húmido ou perto líquidos como vasos, etc.
Não aproxime o produto a fontes de fogo vivo, como velas.
Manter o produto num espaço suficientemente arejado de forma a evitar sobre-aquecimento. Não bloquee a ventilação do instrumento, cobrindo-o com artigos como cortinas, toalhas de mesa ou jornais.
O transformador é utilizado para conectar e desconectar o artigo da principal fonte de energia. Certifique-se que a ficha é facilmente acessível e que o artigo está devidamente ligado à corrente se detectar alguma anomalia com o funcionamento.
O uso indevido das pilhas poderá levar a explosões ou fugas resultando em graves acidentes. Para sua segurança, por favor:
Verifique se a polaridade das pilhas está correta
Evite utilizar pilhas novas e antigas ao mesmo tempo
Evite utilizar diferentes tipos de pilhas ao mesmo tempo
Retire as pilhas do equipamento na eventualidade de inatividade por longo período de tempo
Nunca aproxime as pilhas de objectos metálicos como pinos de cabelo, colares, brincos ou canetas, etc.
Pilhas usadas deverão ser descartadas de acordo com os regulamentos de reciclagem aplicáveis no seu local de residência.
Não exponha as baterias a calor excessivo como luz solar directa ou fogo vivo.
Perigo de explosão no caso de colocação incorrecta da bateria. Substitua apenas por bateria igual ou equivalente.

VÝSTRAHA!

SK

Neotvárajte kryt. Vo vnútri nie sú žiadne súčasti, ktoré sú opraviteľné užívateľom. S požiadavkou na servis sa obráťte na kvalifikované servisné stredisko.
Nevystavujte produkt do blízkosti akéhokoľvek tepelného zdroja ako napr. radiátora, alebo do kontaktu so slnečným žiareniom, nadmerným präsným prostredím, mechanickým vibráciám alebo šokom.
Produkt nesmie prísť do kontaktu s vodou a žiadny objekt naplnený vodou, ako napr. váza, nesmie byť umiestnený na produkt.
Žiadne výrobky s otvoreným ohňom, ako napr. sviečky, by nemali byť umiestnené na produkt.
Umožnite dosťatočnú cirkuláciu vzduchu a zabráňte obstrukcii ventilačných otvorov (ak sú prítomné) kvôli prevenícii vnútorného prehrievania. Ventilácia nesmie byť narušená prekrytím zariadenia výrobkami ako napr. noviny, kuchynské utierky, záclony a pod.
Hlavný kábel umožňuje odpojiť zariadenie od elektriny. Uistite sa, že hlavný napájací výstup je ľahko dostupný a odpojte kábel ak zaznamenáte akúkoľvek abnormálitu na zariadení.
Ak je zariadenie používané nesprávne, batérie môžu explodovať, alebo vytiečť a spôsobiť škodu alebo zranenie. V záujme bezpečnosti postupujte následovne:
Uistite sa, že batérie sú v správnej polarite pri ich výmene
Vyhýbajte sa používaniu nových batérií so starými
Vyhýbajte sa používaniu rôznych typov batérií
Batérie vyberie zo zariadenia v prípade ak nie je používaný po dlhšiu dobu
Nikdy nedrážte batérie v blízkosti železnych objektov ako guľôčkové pero, náhrdelník, sponky a pod.
Použité batérie musia byť likvidované v súlade s regulačiami toho daného územia na ktorom žijete.
Batérie nesmú byť vystavené nadmernému teplu, ako napríklad slnečnému žiareniu, ohňu a podobne.
Hrozí nebezpečenstvo výbuchu ak je batéria nesprávne vymenená. Batériu nahradte iba rovnakým alebo ekvivalentným typom.

OPOZORILO!

SI

Ne odpirajte pokrova. V notranosti ni nobeni delov, ki jih uporabnik lahko sati popravlja. Popravilo prepustite usposobljenemu osobu
Ne postavljajte izdelek na lokacijo v bližini vira topote, kot je radiator, ali na območje, ki je izpostavljen neposredni sončni svetlobi, pretiranem prahu, mehanskim tresljajem ali udarcem
Izdelek ne sme biti izpostavljen kapljjanju ali brizganju in nobeni predmeti, napolnjeni z vodo, kot so vase, se ne smejo postaviti na izdelek

Nobenega od virov odprega ognja, kot so vžgane sveče, se ne sme postavljati na izdelek
Zagotoviti zadostno krojenje zraka in umaknite ovire na odpričnah (če obstajajo), zaradi preprečevanja kopicanja notranje topote. Ventilacijo se ne sme ovirati s prekrivanjem naprave s predmeti, kot so časopisi, prti, zavesne itn.

Omrežni vtic se uporablja za izklop naprave iz električnega omrežja. Poskrbite, da je omrežna vticnica zlahka dostopna in izvlečite vticak iz vticnice, če opazite kakršno koli nepravilnost pri napravi.

V primeru nepravilne uporabe, baterije lahko eksplodirajo ali puščajo in povzročijo škodo ali poškodbe.

V interesu varnosti:

Poskrbite, da pažite na pravilno polarnost ob zamenjavi baterij

Izogibajte se uporabi novih baterij skupaj z rabljenimi

Izogibajte se mešanju različnih vrst baterij

Odstranite baterije, če se naprava ne bo uporabljala za daljše časovno obdobje

Nikoli ne hranihte baterije skupaj s kovinskimi predmeti, kot so kemični svinčniki, verižice, lasnice, itn.

Rabljenje baterij je potrebitno odstraniti v skladu s katerimi koli predpisi za njihovo varno odlaganje, ki veljajo v regiji v kateri živite

Baterije ne smejo biti izpostavljenje prekomerni vročini, kot je sonce, ogenj ali podobno.

Nevarnost eksplozije, če so baterije nepravilno zamenjane. Zamenjajte samo z enako ali enakovredno vrsto.

PL

¡ADVERTENCIA!

ES

No abra la tapa. No intente reparar el aparato usted mismo. Llévelo a reparar por personal calificado.

No coloque el aparato cerca de fuentes de calor excesivo o donde esté expuesto a luz solar directa, golpes, vibraciones o polvo.

Evite lugares expuestos a humedad. No ponga objetos llenos de líquidos en la superficie de este aparato.

No se deben colocar fuentes de llama desnuda, como velas encendidas, en la superficie de este aparato.

Mantenga suficiente espacio alrededor del aparato para permitir una ventilación adecuada. No obstruya o tape las aberturas con objetos como periódicos, manteles, cortinas, etc.

El enchufe se utiliza para desconectar el producto de la corriente. Si nota algún defecto, desconectelo de la toma de corriente.

El uso inadecuado de las pilas puede causar explosión o fugas y resultar en daños o lesiones. Para su seguridad, por favor:

Compruebe la polaridad al reemplazar las pilas

Evite utilizar pilas nuevas y antiguas al mismo tiempo

Evite utilizar diferentes tipos de pilas al mismo tiempo

Saque las pilas del aparato si no va a ser utilizado durante un largo periodo de tiempo.

Nunca deje las pilas junto a objetos metálicos como bolígrafos, collares u horquillas.

Para deshacerse de las pilas usadas, debe seguir la normativa de su región o área.

No exponga las pilas a fuentes de calor excesivo como luz solar directa o llamas.

Peligro de explosión si la pila es reemplazada incorrectamente. Reemplace sólo con el mismo tipo o equivalente.

PT

WARNING!

SE

Öppna ej locket. Inga användarvänliga delar inuti. För reparationer vänd er till kvalificerad servicepersonal

Ställ ej produkten vid en värmekälla t.ex element, i direkt solljus, damm, elektronisk vibration eller shock.

Produkten bör ej bli utsatt för droppande eller stänk och inga objekt fyllda med vätskor som t.ex vaser skall ställas på produkten.

Ingen källa till öppna flammor som t.ex tända ljus bör placeras på produkten.

Tillåt tillräcklig luftcirculation och blockera ej eventuella ventiler för att undvika intern överhettning.

Ventiler bör ej täckas av föremål såsom tidningar, dukar, gardiner etc.

Nätkontakten används för att koppla bort apparaten från eluttaget. Se till att eluttaget är lättåtkomligt och avlägsna kontakten från eluttaget om du uppträcker något abnormalt med produkten.

Om produkten används felaktigt kan batterierna explodera eller börja läcka och orsaka skada. Förr att behålla säkerhet:

Se till att batterierna sätts in i förhållande till rätt polaritet

Undvik att använda nya batterier med gamla

Undvik att blanda olika sorters batteri

Avlägsna batterierna om produkten kommer att vara oanvänd under en längre tid

Förvara aldrig batterier tillsammans med andra mettallobjekt såsom pennor, halsband, hårålar, etc

Använda batterier bör kastas enligt lokala säkerhetsregulationer.

Batterier bör ej utsättas för hög värme såsom solljus, eld eller liknande.

Risk för explosion om batterierna har sätts in felaktigt. Ersätt endast med samma batterisort.

SK

3

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INTRODUCTION

Thank you for purchasing the VISION KEY-20.
To get the most out of your product, please
read this manual carefully.

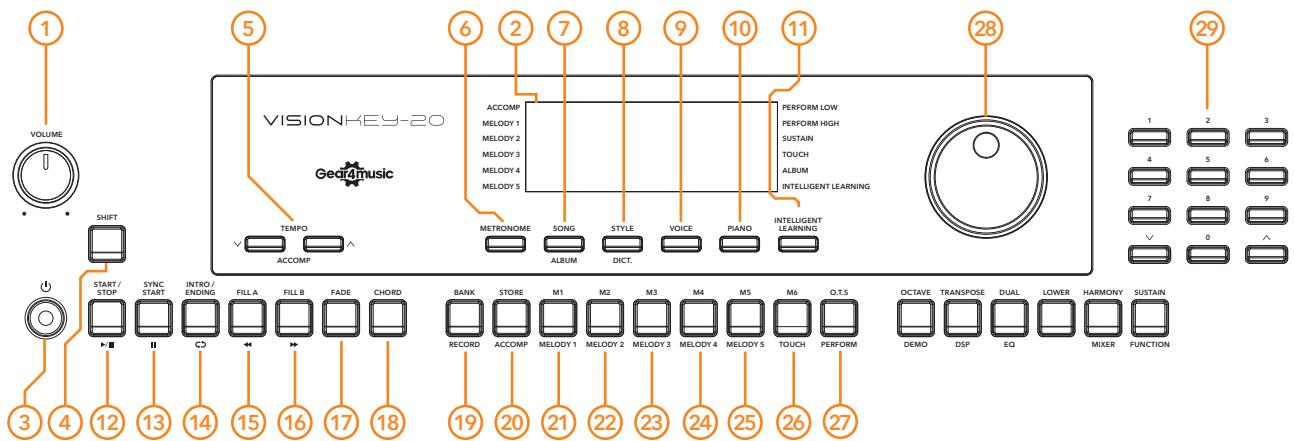
CONTENTS

- VISION KEY-20 Electronic Keyboard
- PSU
- Music Rest

FEATURES

- 61 Key Electronic Keyboard
- 653 Voices and 240 Rhythm Styles
- 160 Built-In Songs
- Intelligent Learning Tuition System
- 128 Note Polyphony

FRONT PANEL



1. VOLUME

Adjusts the master volume

2. LCD DISPLAY

Displays all information related to current operation

3. POWER SWITCH

Turns the power on or off

4. SHIFT

Hold down to access secondary functions of other buttons

5. TEMPO+ & TEMPO- / ACCOMP+ & ACCOMP-

Adjusts the current tempo.
With [Shift] pressed adjusts the accompaniment volume.

6. METRONOME

Turns the metronome on or off

7. SONG / ALBUM

Enables Song mode.
With [Shift] pressed, turns the album function on or off

8. STYLE / DICT

Enables style mode.
With [Shift] pressed turns the chord dictionary function on or off.

9. VOICE

Enables Voice mode

10. PIANO

Turns the piano mode on or off

11. INTELLIGENT LEARNING

Turns the Intelligent Learning function on or off

12. PLAY / STOP

In Style Mode = Starts or stops playing the style
In Song Mode = Starts or stops playing the song

13. PAUSE / SYNCH START

In Style Mode = Turns the Sync/Start function on or off
In Song Mode = Pauses or continues playing the song

14. LOOP / INTRO / ENDING

In Style Mode = Plays the intro or ending pattern
In Song Mode = Sets the beginning and end of a song loop section

15. REWIND / FILL A

In Style Mode = Plays fill pattern A
In Song Mode = Rewinds the song

16. FAST FORWARD / FILL B

In Style Mode = Plays fill pattern B
In Song Mode = Fast Forwards the song

17. FADE

Turns the Fade In/Out function on or off

18. CHORD

Enters the Chord mode

19. BANK / RECORD

Switches between Memory Banks
With [Shift] pressed, enters record mode

20. STORE / ACCOMP

Saves the current panel settings
With [Shift] pressed selects the
accompaniment track to record

21-26. M1 - M6

Recalls the saved panel settings
(When using One Touch Setting mode, only
M1-M4 are available)

26. TOUCH

With [Shift] pressed, sets the desired touch
sensitivity level.

21-25. MELODY 1 - 5

With [Shift] pressed selects melody tracks
1-5 to record

27. O.T.S / PERFORM

Turns the One Touch Setting function on or
off.
With [Shift] pressed turns the Performance
Assistance function on or off

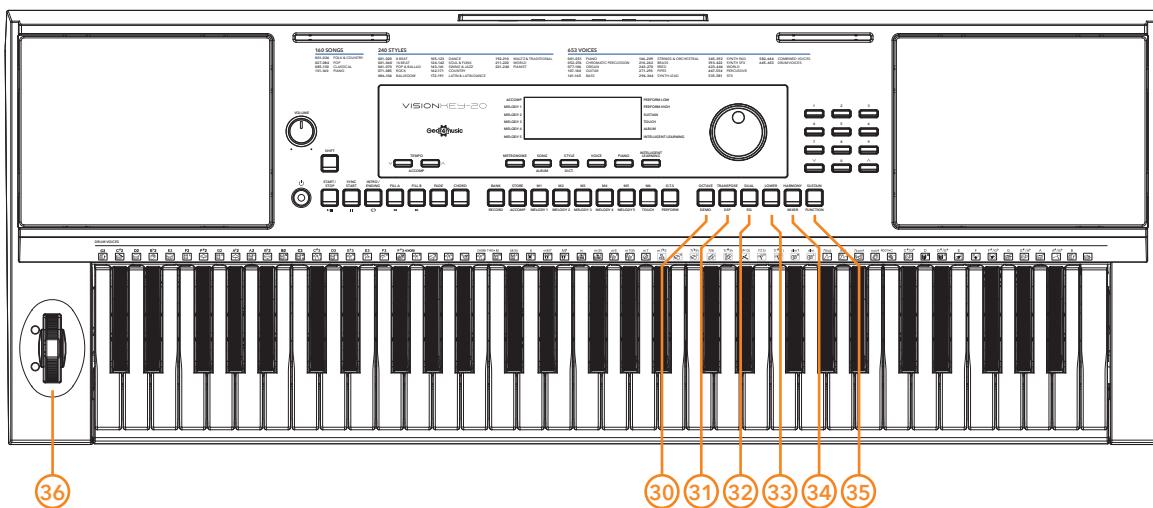
28. DATA WHEEL

Adjusts the parameter values

29. NUMBER KEYPAD, V / A

Sets parameter values or enters number
selections

FRONT PANEL



30. OCTAVE

Enters the Octave menu

With [Shift] pressed, enters DEMO mode

31. TRANSPOSE / DSP

Enters the Transpose menu

With [Shift] pressed, turns the DSP function on or off

32. DUAL / EQ

Turns the dual function on or off

With [Shift] pressed, enters the EQ menu

33. LOWER

Turns the Lower function on or off

34. HARMONY / MIXER

Turns the harmony effect on or off

With [Shift] pressed, enters the mixer menu

35. SUSTAIN / FUNCTION

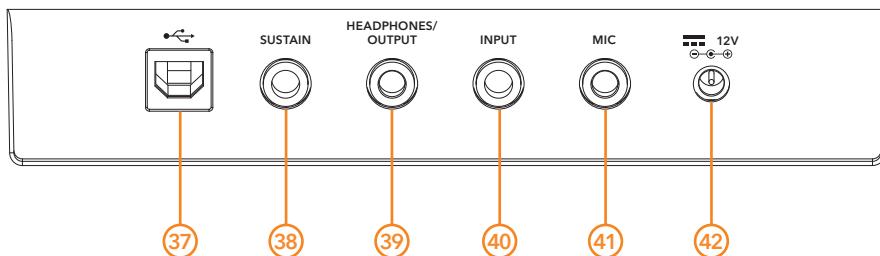
Turns the Sustain function on or off

With [Shift] pressed, this enters the function menu

36. PITCH BEND WHEEL

Raises or lowers the pitch of the notes being played

REAR PANEL



37. USB PORT

USB port used for connecting to a computer for USB MIDI

38. SUSTAIN

1/4" jack input to connect a sustain pedal (not supplied)

39. HEADPHONES/OUTPUT

1/4" jack output to connect headphones or audio equipment such as a mixer, interface or amplifier.

40. INPUT

1/4" jack input to connect an external audio source, such as a smartphone, MP3 or CD player

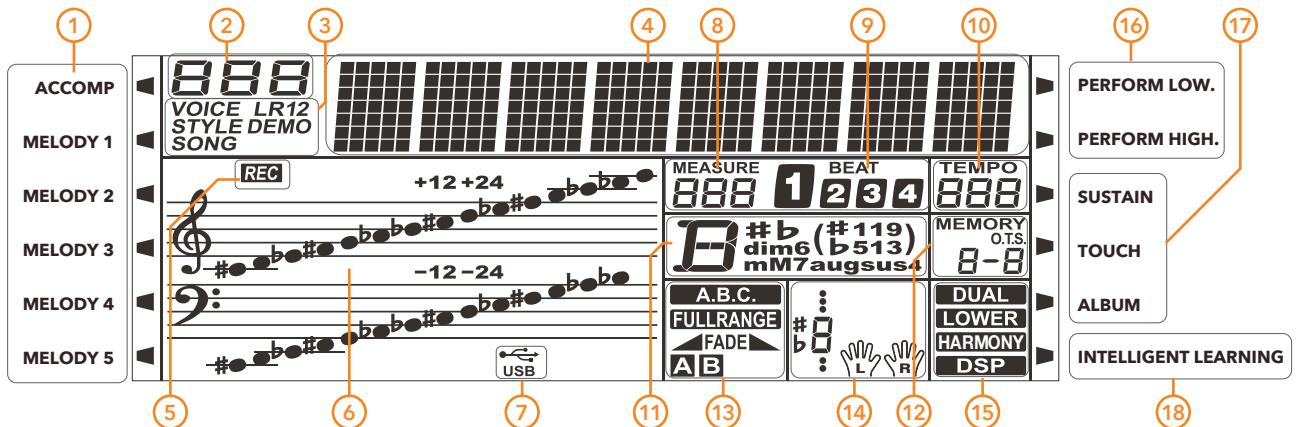
41. MIC INPUT

1/4" jack input to connect a microphone (not supplied)

42. DC 12V

Connect the supplied power supply

DISPLAY



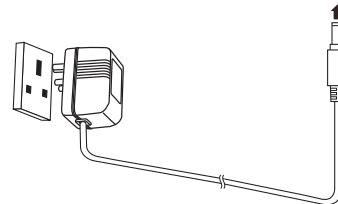
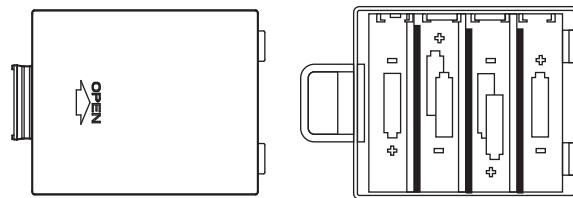
1. ACCOMPANIMENT / MELODIES 1-5
2. NUMBER DISPLAY
3. VOICE/STYLE/DEMO/SONG MODE
4. INFORMATION, MENUS AND CURRENT PARAMETERS
5. RECORD
6. TREBLE CLEF/BASS CLEF
7. USB CONNECTED
8. MEASURE
9. BEAT
10. TEMPO
11. CHORD
12. MEMORY BANK SELECTED/ ONE TOUCH SETTING
13. AUTO BASS CHORD/FULL RANGE/FADE/ ACCCOMPANIMENT SECTION
14. NOTE INDICATION/LESSON
15. DUAL/LOWER HARMONY/DSP
16. PERFORMANCE ASSISTANT LOW / PERFORMANCE ASSISTANT HIGH
17. SUSTAIN/TOUCH/ALBUM
18. INTELLIGENT LEARNING

POWER

The keyboard can be powered using the included power supply, or with 6 x AA batteries (not included.) Please pay attention to the correct polarity indicators when installing batteries and change them as soon as they get low. Remove the batteries if the instrument will not be used for a long period.

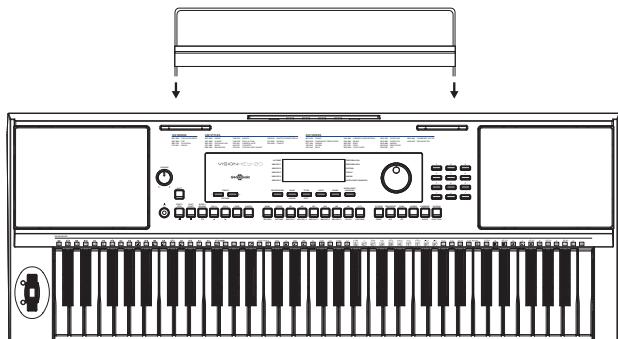
To power using the power supply, connect the included PSU to the DC jack on the keyboard, then connect the plug to mains power. This will automatically cut off the battery power. Ensure the volume is turned down before powering on the instrument.

Please note: In standby mode, the instrument will automatically power off in 30 minutes if not used. Refer to "Auto Power Off" in the function menu for details.



SETTING UP A MUSIC STAND

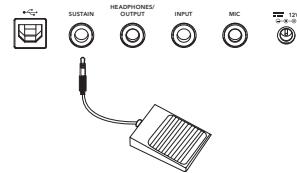
A music stand is supplied with the keyboard and can be easily attached by inserting it into the slots on the front panel as shown.



CONNECTIONS

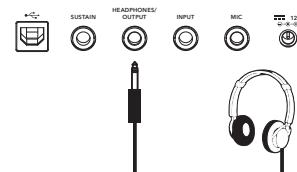
SUSTAIN PEDAL

An optional foot pedal (not supplied) can be connected to the SUSTAIN jack and, when pressed, will cause the key sounds to decay slowly, as if they were being held down.



HEADPHONES

A standard pair of stereo headphones can be connected to the HEADPHONES/OUTPUT jack for private practice. The internal speakers are automatically muted when headphones are connected.

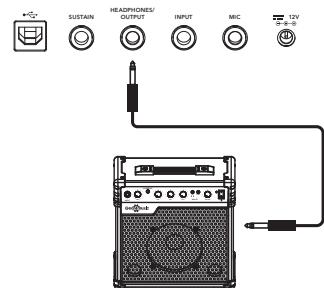


Please note:

To avoid damaging the speakers, ensure the volume level is set to minimum before connecting to all external devices.

OUTPUT

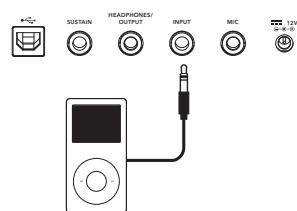
The OUTPUT jack connects the output of the instrument to external audio equipment such as a keyboard amplifier, stereo sound system or mixing console.



Please note: To avoid damaging the speakers, ensure the volume level is set to minimum before connecting to all external devices

CONNECTING AN MP3 PLAYER

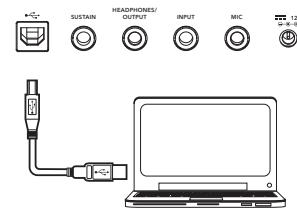
The INPUT jack receives audio signals from an external audio source such as a smartphone or MP3 player and mixes them with the instrument signal, allowing you to play along with your favourite songs.



Please note: Adjust the level of the aux signal on your external device.

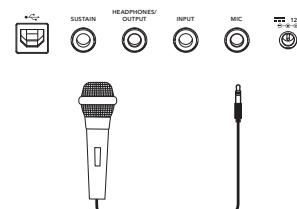
CONNECTING A COMPUTER

Use a standard USB cable to connect the keyboard to the USB port of a computer and transfer MIDI information. Piano performances can also be saved onto the computer.



CONNECTING A MICROPHONE

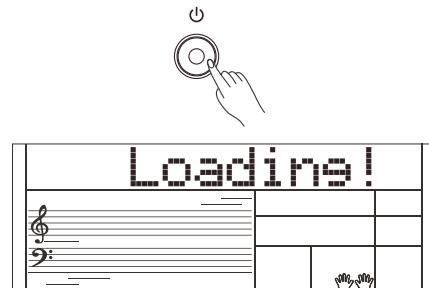
Connect a microphone (not included) into the MIC input to sing along with your keyboard performances, or with playback of the built-in songs.



Please note: Before turning the power on, set the master volume to minimum. Connect your microphone to the jack. Turn on the power and adjust the master volume accordingly.

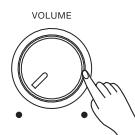
POWER SWITCH

Before switching on the instrument, ensure the volume is set to minimum and connect any external audio equipment. Make sure the instrument is properly connected to the power supply. Press the power switch. The display will light up and "Loading!" will be shown.



MASTER VOLUME

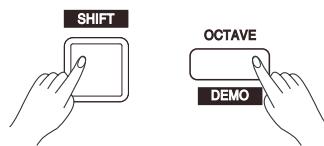
Rotate the volume knob clockwise to increase and anti-clockwise to decrease the master volume, adjust as required.



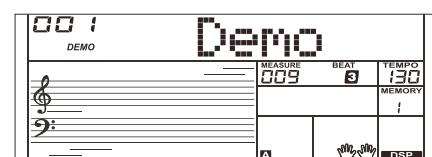
Please note: the internal speakers will mute when headphones are connected.

PLAYING DEMO SONGS

To play the in-built demo songs (see demo list for more details) hold down the [SHIFT] button and then press the [DEMO] button. The LCD display will show the current demo name and number.



Use the data dial or the [v]/[^Λ] buttons to select the different demo songs. To stop playing and exit the demo mode, either press [START/STOP] or hold down [SHIFT] and then press [DEMO].



VOICES

SELECTING A VOICE

The keyboard has 480 different sounds (refer to sound list appendix on p.22 for details). Press the [VOICE] button to enter the voice mode. The display will show the current voice name and number.

Use the data dial, number keypad, or the [v]/[[^]] buttons to select the required voice.

DUAL MODE

The DUAL function allows two different voices to be played simultaneously. To access this mode, press the [DUAL] button. The display will show the current voice name and number, and the "VOICE R2" and "DUAL" indicators.

Use the data dial, number keypad, or the [v]/[[^]] buttons to select the required second voice.

Both voices layered together will be heard when playing the keyboard. To exit this mode, press the [DUAL] button again.

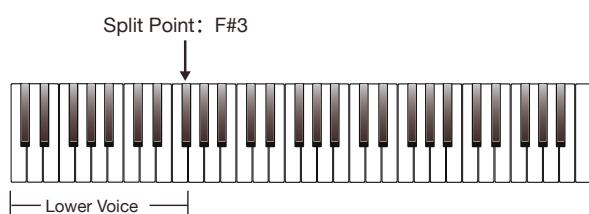
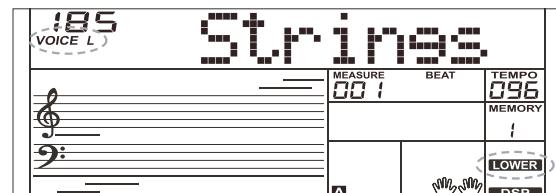
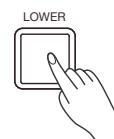
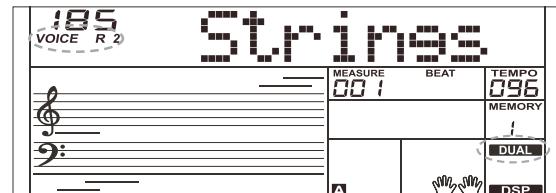
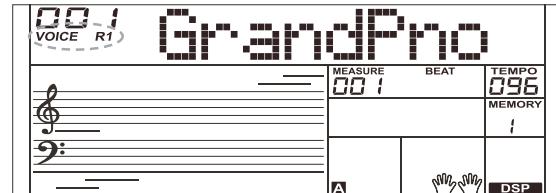
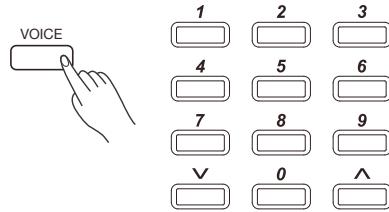
LOWER MODE

The LOWER function splits the keyboard into left and right areas, each with a different voice. To access this mode, press the [LOWER] button. The display will show the current left-hand voice name and number, and the "VOICE L" and "LOWER" indicators.

Use the data dial, number keypad, or the [v]/[[^]] buttons to select the required lower voice.

The keyboard will now play with the two different lower and higher voices. To exit this mode, press the [LOWER] button again.

Please note: the "split point" where the two voices are separated will default at F#3 but can be assigned to any other key. Refer to the function menu for more information.



STYLES

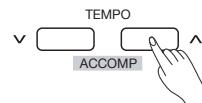
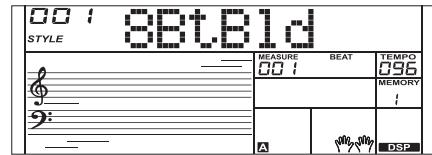
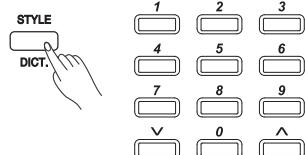
The keyboard has 240 rhythms or playing "styles" (refer to the style list for details.)

Press the [STYLE] button to enter the style mode.

Use the data dial, number keypad, or the [\vee]/[\wedge] buttons to select the required style.

Each rhythm style has been set with a default tempo. This can be changed using the TEMPO [\vee]/[\wedge] buttons.

Press the TEMPO [\vee]/[\wedge] buttons simultaneously to restore the current style's default tempo setting.



PLAYING SONGS

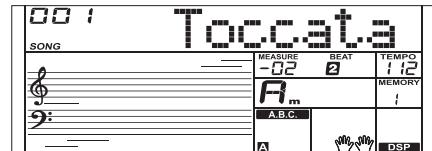
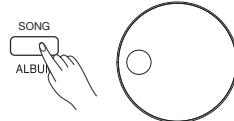
The keyboard has 160 in-built songs (refer to the song list for details.)

Press the [SONG] button to enter the song mode. All songs will play in a loop.

Use the data dial or the [\vee]/[\wedge] buttons to select the required song.

Press the [START/STOP] button to stop playback of all songs. Pressing it again will play the current song on repeat.

To exit song mode, press either the [STYLE] or [VOICE] buttons.



EFFECTS

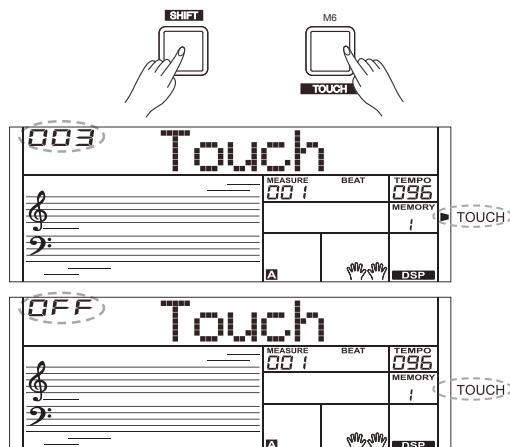
TOUCH

The touch response feature allows you to dynamically control the level of the keyboard's response, allowing you to find the ideal level of key response to suit your playing style.

To enter the touch menu, hold down [SHIFT] and press the [TOUCH] button. The display shows the current touch level. The default level is 3.

The touch level can be adjusted using the data dial or the [V]/[Λ] buttons, or by holding down [SHIFT] and pressing [TOUCH] as required. Pressing the [V]/[Λ] buttons simultaneously will return to the default touch setting, level 3.

To turn off the touch function, set the value to "OFF"

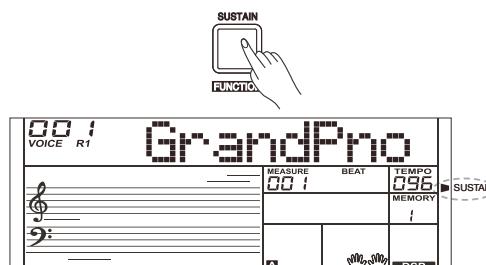


SUSTAIN

To start the sustain function, press the [SUSTAIN] button. All notes will sustain after releasing the keys.

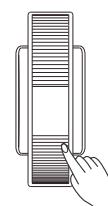
To stop the sustain function, press the [SUSTAIN] button again.

For optimal sustain, using a sustain pedal is recommended. (refer to pedal function for more details.)



PITCH BEND

Using the Pitch Bend wheel can add smooth changes to notes being played on the keyboard. The pitch is increased by moving the wheel up and decreased by moving it down. The wheel returns to its centre position when released.



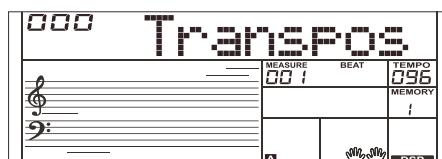
TRANSPOSE

The transpose function allows you to shift the overall key of the keyboard in steps of one semitone.

To enter the transpose menu, press the [TRANSPOSE] button. The display will show the current transpose setting number and "Transpos"



Use the data dial or the [V]/[Λ] buttons to adjust the transpose value as required. The range is +/- 12 semitones.



Pressing the [V] and [Λ] buttons simultaneously will return the transpose value to its default setting: "000 Transpos"

OCTAVE

This function allows you to raise or lower the pitch of the keyboard by an octave.

To enter the octave menu, press the [OCTAVE] button. The display will show the current octave setting number and "Octave"

Use the data dial or the [∇]/[\wedge] buttons to adjust the octave value as required. The range is +/- 2 octaves.

Pressing the [∇] and [\wedge] buttons simultaneously will return the transpose value to its default setting: "000 Octave"

Individual octave values can be set when using the dual voice mode.

PIANO MODE

This function allows you to quickly return to the default piano sound. Simply press the [PIANO] button to enter or exit piano mode.

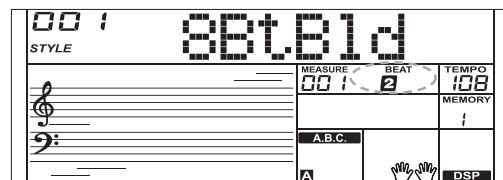
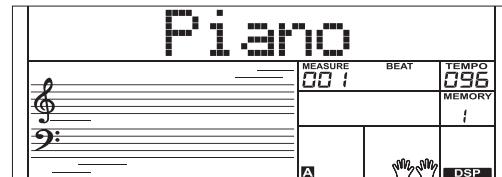
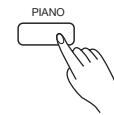
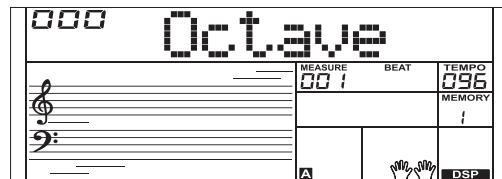
Please note: when using this mode, the Auto Bass Chord function is automatically turned off.

METRONOME

Press the [METRONOME] button to start and stop the metronome and adjust as required with the tempo [∇] and [\wedge] buttons.

Different time signatures can be set in the function menu.

Please note: In recording mode, the metronome can be used but will not be recorded.



AUTO ACCOMPANIMENT

The auto accompaniment feature puts a whole backing band at your fingertips. In this mode, all you have to do is play the chords with your left hand and the accompaniment will automatically play along in the style selected, instantly following the chords you play.

AUTO ACCOMPANIMENT (ALL TRACKS)

In Style mode, use the data dial, number keypad or the [∇]/[\wedge] buttons to select the required style to be played.

Press the [CHORD] button to enter the Auto Bass Chord (A.B.C) mode. The keyboard is now split, with the left-hand section being the "chord zone." The A.B.C icon will show on the display. Press any key in the chord zone to start the accompaniment. Pressing the [CHORD] button again will enter the "full range" mode. The FULL RANGE icon will be shown on the display, and you can play polyphonic chords over the entire keyboard.

[SYNC START] can also be pressed to start the accompaniment automatically when any chord is played in the chord section. When you change chord, the accompaniment automatically changes too.

When playing, press [START/STOP] to stop the auto accompaniment.

ACCOMPANIMENT SECTIONS

There are various types of Auto Accompaniments sections that allow you to vary the arrangement of the accompaniment being played:

1. INTRO

When the intro is finished, the accompaniment will automatically lead into to the main section.

2. MAIN (A, B)

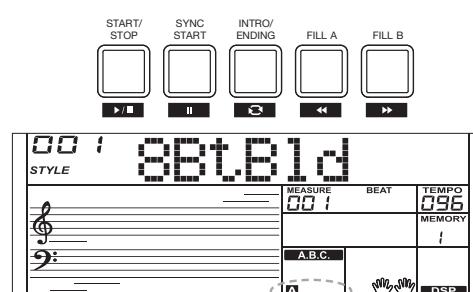
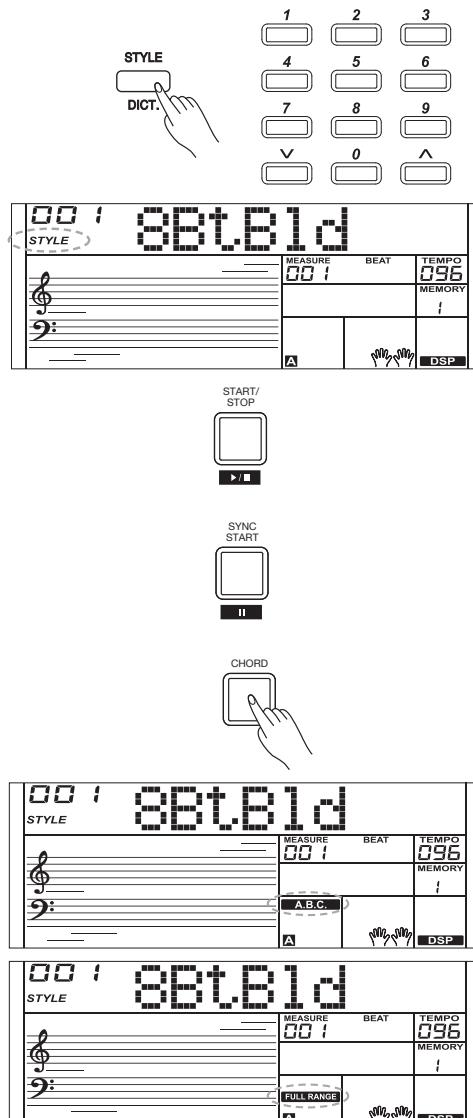
The main pattern of the song will be played continuously until another section is selected

3. FILL (A, B)

Automatically add a fill to your performance. When the fill is finished, the accompaniment reverts to the main section.

4. ENDING

Use this section to appropriately end your performance. When the ending section finishes, the accompaniment automatically stops. The length of the ending differs depending on the style selected.



PLAYING DIFFERENT ACCOMPANIMENT SECTIONS

Press the [STYLE] button and select the required rhythm.

Press the [CHORD] button to enter auto bass chord (A.B.C) mode.

Press the [SYNC START] button to prepare the accompaniment to start when playing begins.

Press the [FILL A] button to select the Main A section.

Press the [INTRO/ENDING] button. The "A" will begin to flash on the display and the style is ready to play.

The accompaniment will start as soon as keys are pressed in the chord section.

Press the [FILL B] button to start a fill, automatically followed by the Main B section.

Press the [INTRO/ENDING] button to enter the ending section of the accompaniment.

FADE

Styles can be started and finished with a fade, producing a smoother performance.

Before starting the style, press the [FADE] button. "<FADE" will be shown on the display and will flash during the start of the performance.

To fade out a style, press the [FADE] button during your performance. ">FADE" will be shown on the display and will flash until the style stops.

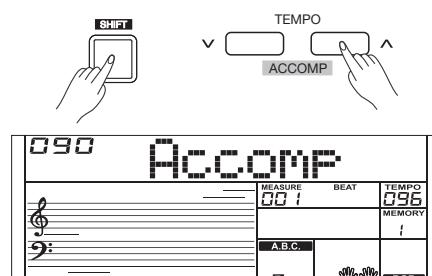
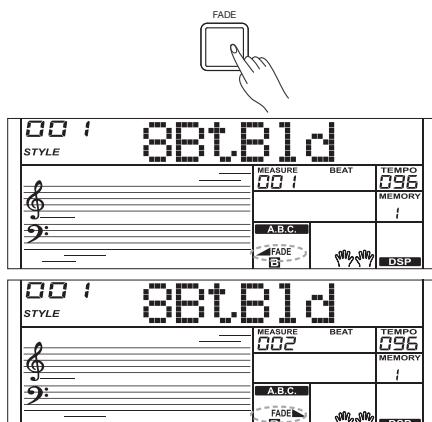
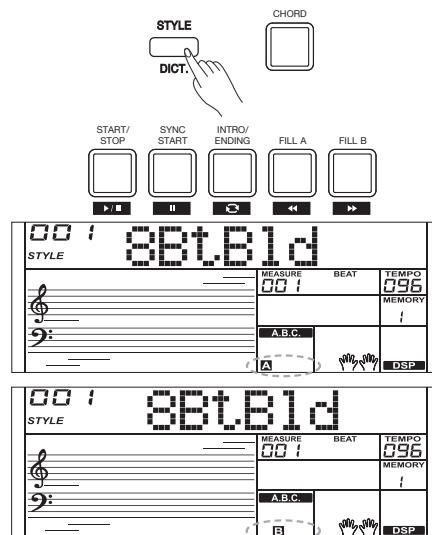
The default fade in/out time is 10 seconds.

ACCOMPANIMENT VOLUME

The accompaniment volume can be adjusted, to keep the desired balance between style and voice volumes.

Hold down the [SHIFT] button and use the ACCOMP [\downarrow]/[\uparrow] buttons to set the desired volume (0-127) which will be shown on the display.

Holding down [SHIFT] and pressing both the ACCOMP [\downarrow]/[\uparrow] buttons simultaneously will turn the accompaniment volume off. "OFF Accomp" will be shown on the display. Repeating this process will turn the accompaniment volume back on



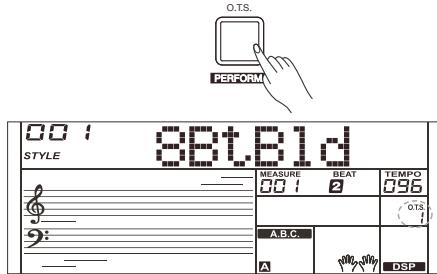
ONE TOUCH SETTINGS

When One Touch Setting (O.T.S) is enabled, you can instantly recall auto accompaniment related settings – including voice selection and digital effects – with a single touch of a button.

Press the O.T.S button to turn on this mode for the current style. "O.T.S" will be shown on the display.

To recall various panel settings that match the selected style, press one of the One Touch Setting buttons [M1]-[M4]

Please note: Entering Song mode automatically turns off O.T.S. mode



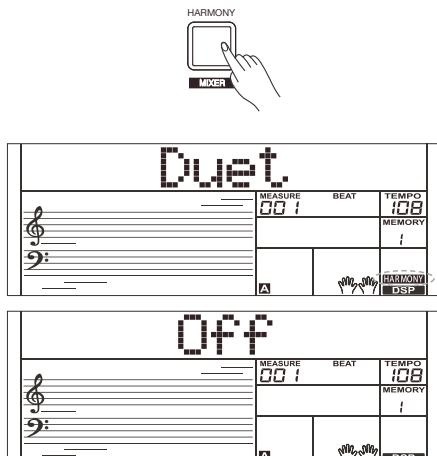
HARMONY

This function will automatically add harmony notes to the notes you play in the right-hand section of the keyboard, complementing your performance.

To enable this feature, press the [HARMONY] button until "Duet" is displayed.

To choose a different harmony type, please refer to the harmony settings in the function menu.

To exit this mode, press the [HARMONY] button until "Off" is shown on the display



PERFORMANCE ASSISTANT

The keyboard features a "performance assistant" mode, featuring both guitar and piano options, and allows various complex chord phrases to be easily performed.

Hold down [SHIFT] and then press the [PERFORM] button to enter the performance assistant mode. Use the data dial or the [∇]/[\wedge] buttons to select between guitar and piano options.

The default time signature is 4:4, which can be changed to either 2:4, 3:4, or 6:8 in the function menu.

Use the TEMPO [∇]/[\wedge] buttons to adjust the tempo, as required.

GUITAR KEY MAP

This key map diagram shows how the different key sections are arranged in the guitar mode.

CHORD PART:

Keys C2-B3. The chord played in this zone will be shown on the display.

SUB AREA 1:

Keys C4-B4 (white keys only.) Pressing a key in this zone will start a "broken chord" (the notes in a chord played successively, rather than simultaneously.)

SUB AREA 2:

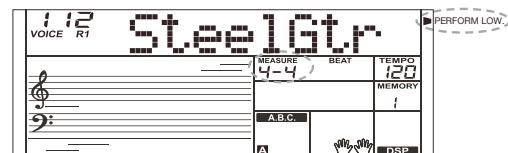
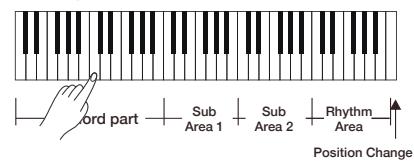
Keys C5-A5 (white keys only.) Solo zone, allowing you to play freely and simulate the 6 strings of a real guitar.

RHYTHM AREA: Keys B5-B6. This zone allows you to play various rhythm styles, including guitar strums. Keys A6-B6 will play rhythm endings.

POSITION CHANGE: Key C7 allows you to change



Guitar key map



PIANO KEY MAP

This key map diagram shows how the different key sections are arranged in the piano mode.

CHORD PART:

Keys C2-B3. The chord played will be shown on the display.

SUB AREA:

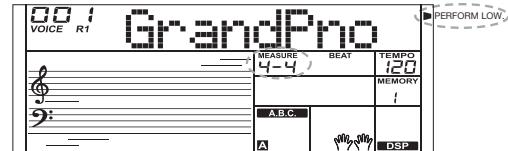
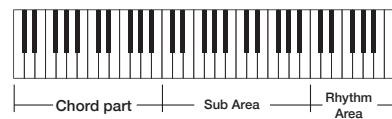
Keys C4-B5. Pressing a key in this zone will start a "broken chord" (the notes in a chord played successively, rather than simultaneously.)

RHYTHM AREA:

Keys C6-C7. This zone allows you to play various rhythm styles. Keys A6-C7 will play rhythm endings.

To exit the performance assistant mode, press either the [VOICE] or [STYLE] buttons. Alternatively, hold down [SHIFT] and then press the [PERFORM] button.

Piano Key Map



DSP EFFECTS

The DSP (digital signal processing) effect adds ambience and depth to the sounds of the keyboard.

Hold down [SHIFT] and then press the [DSP] button to turn the effect on or off. This function is turned on by default.

Reverb and Chorus effects can also be added, accessed through the function menu.

SELECTING REVERB AND CHORUS TYPES

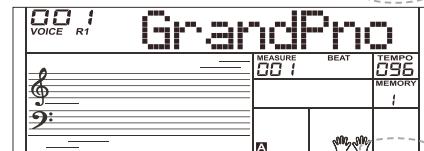
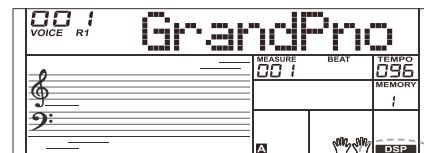
Hold down [SHIFT] and repeatedly press the [FUNCTION] button to select the reverb or chorus type menus as required. Use the data dial or the [v]/[^λ] buttons to choose the various reverb or chorus types.

Pressing the [v]/[^λ] buttons simultaneously will revert to the default types ("RevHall 1" reverb and "Gm Chr2" chorus.)

ADJUSTING REVERB AND CHORUS LEVELS

Hold down [SHIFT] and repeatedly press the [FUNCTION] button to select the reverb or chorus level menus as required. Use the data dial or the [v]/[^λ] buttons to adjust the reverb or chorus levels, ranging from 0-127.

Pressing the [v]/[^λ] buttons simultaneously will revert to the default effects levels (chorus: 0, reverb: 80)



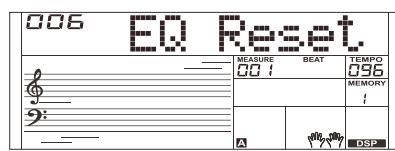
EQ TYPE

There are 6 in-built EQ presets, as shown in the table, allowing you to further shape the desired sounds to suit your performances.

Hold down [SHIFT] and then press the [EQ] button to enter the EQ type menu. The display will show the default setting: "006 EQ Reset."

Use the data dial or the [v]/[^λ] buttons to adjust the EQ type, as required.

Pressing the [v]/[^λ] buttons simultaneously will revert to the default EQ setting.



No.	LCD DISPLAY	EQ TYPE
1	EQ Pop	Pop
2	EQ Rock	Rock
3	EQ Class	Classical
4	EQ Jazz	Jazz
5	EQ Dance	Dance
6	EQ Reset	Reset

MIXER

The mixer function can be used to adjust the individual tracks of your performances.

Hold down [SHIFT] and then press the [MIXER] button repeatedly to scroll through the available tracks to edit. The selected mixer track will be shown on the display. Use the data dial or [\vee]/[\wedge] buttons to change the parameters, as detailed in the table below:

OPTION & PARAMETERS		
CONTENT	LCD DISPLAY	RANGE
Adjust the Percussion track volume.	XXX Rhythm_s	0 - 127
Adjust the Rhythm track volume.	XXX Rhythm_m	0 - 127
Adjust the Bass track volume.	XXX Bass	0 - 127
Adjust the Chord 1 track volume.	XXX Chord1	0 - 127
Adjust the Chord 2 track volume.	XXX Chord2	0 - 127
Adjust the Chord 3 track volume.	XXX Chord3	0 - 127
Adjust the Phrase 1 track volume.	XXX Phrase1	0 - 127
Adjust the Phrase 2 track volume.	XXX Phrase2	0 - 127
Adjust the Upper 1 track volume.	XXX Upper 1	0 - 127
Adjust the Upper 2 track volume.	XXX Upper 2	0 - 127
Adjust the Lower track volume.	XXX Lower	0 - 127



120 Rhythm_s
MEASURE BEAT TEMPO
028 128 MEMORY
A DSP

PEDAL FUNCTION

When using a foot pedal (not included) there are 4 functions that can be assigned to the pedal:

1. SUSTAIN

The pedal acts like a damper pedal on an acoustic piano, sustaining the notes played when pressed/held down.

2. SOFT

In this mode, pressing the pedal will make the notes played have a softer sound.

3. START/STOP

Pressing the pedal in this mode will allow you to start and stop the keyboard accompaniment, ideal for performances.

4. MEMORY

In this mode, pressing the pedal allows you to select through the saved voices in the M1-M4 memory settings.

001 Ped Sust
MEASURE BEAT TEMPO
001 096 MEMORY
A DSP

002 Ped Soft
MEASURE BEAT TEMPO
001 096 MEMORY
A DSP

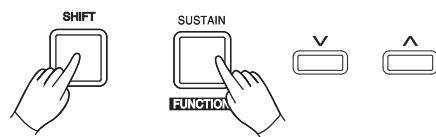
003 Ped St/T
MEASURE BEAT TEMPO
001 096 MEMORY
A DSP

004 Ped Mem
MEASURE BEAT TEMPO
001 096 MEMORY
A DSP

FUNCTION MENU

To enter the Function menu, hold down [SHIFT] and then press the [FUNCTION] button repeatedly to scroll through the available menu options. The selected function will be shown on the display. Use the data dial or [v]/[[^]] buttons to change the parameters, as detailed in the table below.

Pressing the [v] and [[^]] buttons simultaneously will reset the parameter type value to its default setting. The Function menu will automatically exit if left idle for more than 5 seconds.



FUNCTION MENU				
NO.	CONTENT	LCD DISPLAY	RANGE	DEFAULT
1	Tune	XXX Tune	-50 ~ +50	000
2	Key Split	XXX KeySplit	1~61	019
3	Beat Type	XXX Beat	0, 2 ~ 9	004
4	Metronome Volume	XXX MetroVol	0~127	80
5	Pedal Type	XXX Ped XXX	Sustain, Soft, St/Stop, Memory	Sustain
6	Reverb Type	XXX Rev XXX	Room1, Room2, Room3, Hall1, Hall2, Hall3, Church1, Church2, Delay, PanDelay	RevHall1
7	Reverb Level	XXX Rev Lev	0 ~ 127	80
8	Chorus Type	XXXChr XXX	Chorus1, Chorus2, GM Chorus1, GM Chorus2, Flanger1, Flanger2, Rotary1, Rotary2	GM Chr2
9	Chorus Level	XXX Chr Lev	0 ~ 127	0
10	Harmony Type	XXX Duet	Duet, StandardTrio, Full Chord, Rock Duet, Country Duet, Country, Trio, Block, 4 Close 1, 4 Close 2, 4 Open, 1+5, Octave1, Octave2, Strum, Echo1, Echo2, Echo3, Echo4, Tremolo1, Tremolo2, Tremolo3, Tremolo4, Trill1, Trill2, Trill3, Trill4	Duet
11	MIDI IN	XXX Midi In	1 ~ 16, ALL	ALL
12	MIDI OUT	XXX Midi Out	1 ~ 16	001
13	Auto Power Off	XXX PowerOff	OFF, 30, 60	030
14	Performance Beat	XXX Perfm Bt	4-4, 3-4, 2-4, 6-8	4-4
15	Vocal Effects	XXX V-VclOff	V-VclOff, V-Delay, V-Tremolo, V-PShift, V-LoFi, V-OvrDri, V-Reverb, V-CmPres	V-VclOff
16	Vocal Effect Level	vOff-Lev	vOff-Lev: 0, vDel-Lev: 0~31, vTre-Lev: 0~7, vPit-Lev: -24~18, vLfi-Lev: 0~31, vOve-Lev: 0~7, vRev-Lev: 0~31, vCom-Lev: 0~1	0, 0, 0, 0, 0, 0, 0, 0

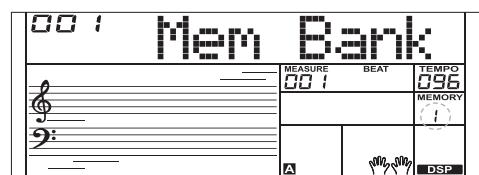
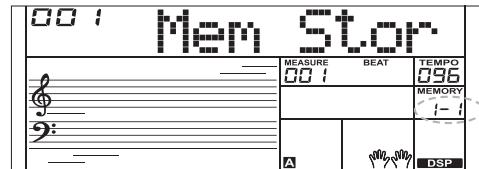
REGISTER MEMORY

The keyboard has 8 memory banks, with each bank having 6 memories (M1-M6) allowing you to easily save and instantly recall your panel settings.

To store a panel setting, hold down the [STORE] button and then press the desired memory button [M1-M6]

To recall a saved panel setting, press one of the memory buttons [M1-M6] to recall bank 1 of that memory. Pressing the [BANK] button repeatedly allows you to scroll through the 8 banks. The display will show the bank number selected.

Please note: these memory functions cannot be recalled when using the One Touch Setting (O.T.S) mode.

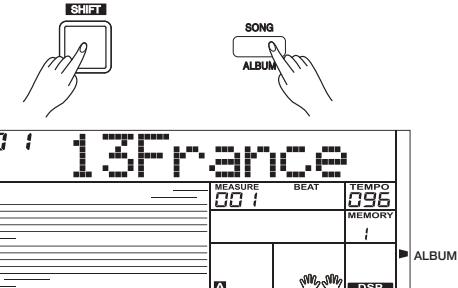


ALBUMS

The albums function allows you to play along and practise a song with pre-set styles, tempos and voices in a variety of musical genres. Please refer to the album list for full details.

To enter this mode, hold down the [SHIFT] button and then press the [ALBUM] button. The display will show the name of the song selected and the album indicator will show. Use the data dial or [\vee]/[\wedge] buttons to select different songs. The instrument will automatically recall the accompaniment parameters to fit the selected song.

To exit the song albums function, press the [VOICE] or [STYLE] button



RECORDING

With the song recording feature, you can record your own keyboard performances as a user song. Each user song can be recorded with 6 tracks (1 ACCOMP track, 5 MELODY tracks.)

Before you start recording, you need to select a user song to which the recording song will be saved:

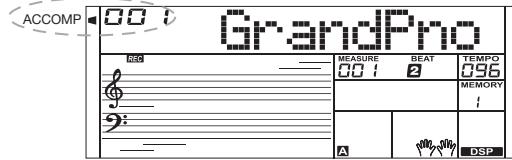
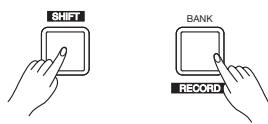
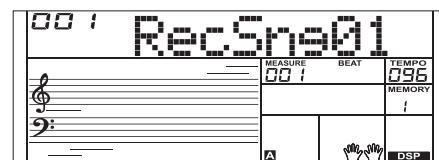
Hold down the [SHIFT] button and then press the [RECORD] button to enter user song selection mode. The display will show "RecSng01" and sequence number.

Use the data dial or [\vee]/[\wedge] buttons to select the desired user song.

Hold down the [SHIFT] button and then press the [RECORD] button again to enter recording standby mode. "REC" will appear on the display and the beat indicators start flashing. The instrument will automatically select an empty track to record your performance. The select track indicator will flash on the left of display.

In recording standby mode, you can adjust parameters such as voice, style and tempo. When recording a new song, it will automatically select "MELODY 1" as the recorded track. Holding down the [SHIFT] button and then pressing "ACCOMP" (or "MELODY1" to "MELODY 5") allows you to select a desired track.

To start recording, press the [START/STOP] button or start playing the keyboard. (If you have selected the ACCOMP track, and have turned on the A.B.C. function, recording will start as soon as you play a chord in the left-hand chord zone.)



SELECTING TRACKS

The track indicators on the display have three states: blinking, light on or light off. A blinking light means the track is chosen for recording. If the track has recorded data, the original data will be replaced. A track with the light on indicates the track has data and will play back the data during recording. A track with the light off indicates the track has no data.

In recording standby mode, you can press the track buttons repeatedly to select/de-select a track for recording.

STOP RECORDING

To stop recording, hold down the [SHIFT] button and then press the [RECORD]

If the memory is full, the recording will stop and save automatically, and the display will show "Rec_Full". When recording a rhythm style, recording will stop when the ending section is finished.

PLAYBACK RECORDING

Stopping recording will automatically enter the song mode and the display will show "RecSng" and the user song number.

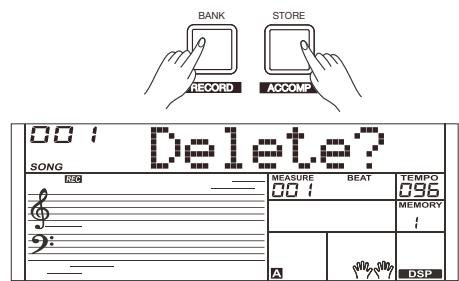
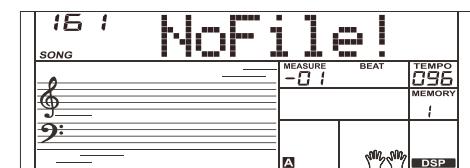
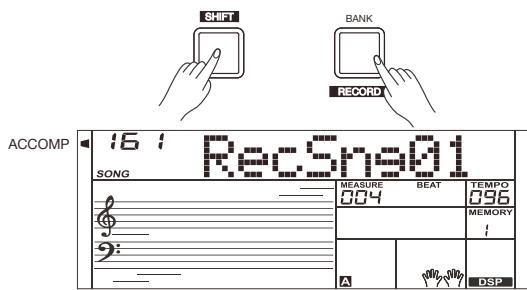
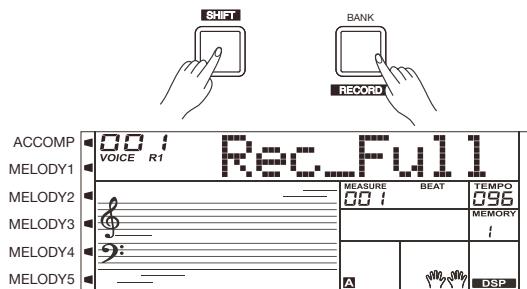
Press the [SONG] button to enter the song mode and it will play all songs in a loop. Use the data dial or [∇]/[\wedge] buttons to select different user songs. If there is no data in the selected user song, it will display "NoFile!"

DELETE USER SONGS

In recording standby mode, hold down the [SHIFT] button and then press the [RECORD] button for two seconds, the display will show the prompt "Delete?". Select the track you wish to delete by pressing [ACCOMP] or the [MELODY 1] to [MELODY 5] buttons. The tracks selected will light up. If all tracks light up, the whole user song will be erased after confirmation. Press [\wedge] to confirm and the recorded data in this track will be erased. Press [∇] to exit this step and go back to the recording standby mode.

PLEASE NOTE:

To delete all user songs, press and hold the [RECORD] and [STORE] buttons simultaneously whilst turning on the keyboard.



SONGS

The keyboard has a variety of in-built songs. Each song can be played back and also practised in the Intelligent Learning System.

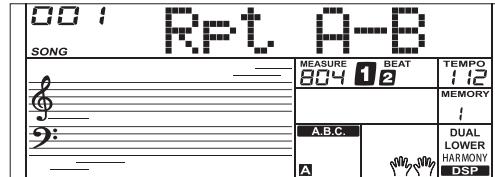
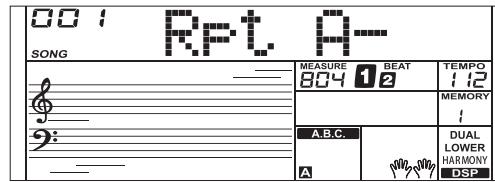
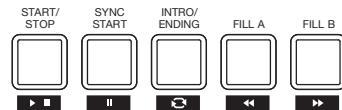
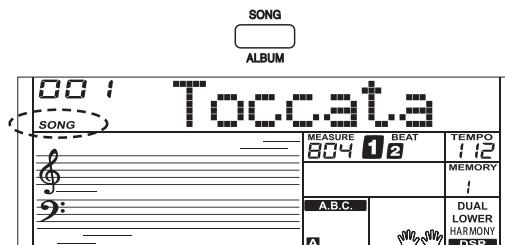
LISTENING TO SONGS

To enter the song mode, press the [SONG] button. The display will show "SONG" and all songs will play in a loop. Use the data dial or [\vee]/[\wedge] buttons to select a song.

During song playback, press the [START/STOP] button to stop the song, and press it again to play the current song repeatedly.

To exit the song mode, when playback is stopped, press either the [STYLE] or [VOICE] buttons.

Song playback can be controlled as desired using the fast forward, rewind, pause and loop buttons



INTELLIGENT LEARNING SYSTEM

The built-in intelligent learning mode provides a variety of ways to help you learn new songs. It smartly tailors the lessons for you and tracks your progress.

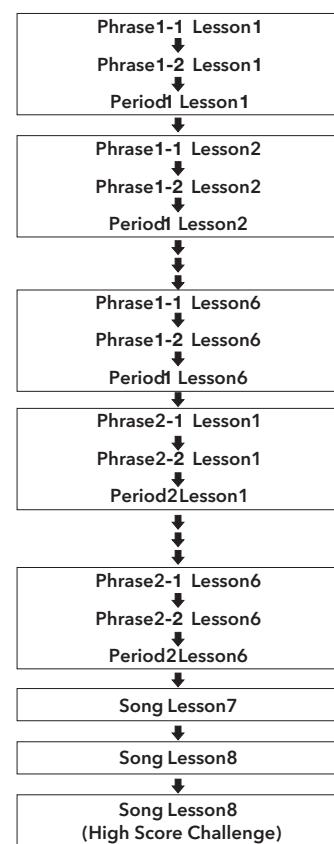
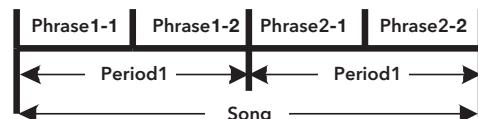
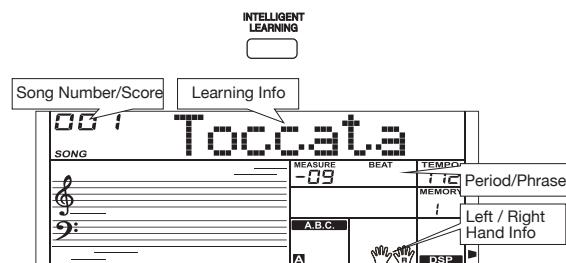
Press the [INTELLIGENT LEARNING] button to enter the Intelligent Learning mode. The display will firstly show the current song name and number, then display the lesson name before the lesson starts. Use the data dial or [V]/[A] buttons to select a song.

During the learning mode, the display shows the highest score of previous learning challenges. Achieve a score of 80 or more points to progress to the next lesson. If you score less than 80 points 3 times in a row, the system will replay the current phrase to help you familiarise yourself to it. During lessons 2, 4 and 6, if you repeatedly score less than 80 points, the system will reduce the tempo of the period/phrase being learnt to enable slower practice. Scoring over 80 points will revert to the original tempo.

PERIOD AND PHRASE

The fastest way to learn a new song is to divide the song into several parts, and individually practice each part. When you have a good grasp of each part, it will be much easier to then learn the complete song.

A musical phrase is a section of music that has a complete musical sense of its own. Just like a complete sentence in an article. A musical period is a group of phrases. This can be any number of phrases, but most commonly will be a combination of two or four phrases. Please refer to the relationship of song, period and phrase on the diagram to the right.



INTELLIGENT LEARNING SYSTEM

In order to help you learn songs faster and more easily, there are 8 pre-set lessons for each song, which encompass: step learning of pitch, timing, left-hand technique, right-hand technique, period and phrase.

The contents of each lesson are shown in the following table:

CONTENT OF LESSONS		
NO.	LCD	Content of Lesson
1.	LESSON 1	Learn right hand pitch of period/phrase.
2	LESSON 2	Learn right hand pitch and timing of period/phrase.
3.	LESSON 3	Learn left hand pitch of period/phrase.
4	LESSON 4	Learn left hand pitch and timing of period/phrase.
5	LESSON 5	Learn both hands pitch of period/phrase.
6	LESSON 6	Learn both hands pitch and timing of period/phrase.
7	LESSON 7	Learn both hands pitch and timing of complete song.
8	LESSON 8	High score challenge.

The various parts of a song will be learned in lessons 1-6, before learning the whole song in lesson 7. Also, during the lessons, the instrument will pick out those phrases that you are not so familiar with during the learning process, and tailor the practice to fit your progress. The following prompt messages will appear on the display during your learning:

PROMPT MESSAGE	
LCD	Description
Lesson 1	Prepare for the next lesson.
Play A	Preview of the phrase to learn
Try A	Play the phrase being learnt.
Go Ahead	Progress to the next period/phrase
Try Again	Please re-attempt the current period/phrase.
Play A-H	Preview of the period to learn.
Try A-H	Play the period being learnt.
Complete	Learn the complete song in lesson 7.
Test	High score challenge in lesson 8.
Score85	Displays your current high score.
Retry?	Select whether to play again when the challenge is complete.

CHORD DICTIONARY

The chord dictionary function can be used to improve and test your chord knowledge.

DICT 1 (CHORD LEARNING MODE)

Hold down the [SHIFT] button, and then press the [DICT.] button to enter the DICT 1 mode. The displays will show "Dict.1" and the auto bass chord mode (A.B.C) is automatically turned on. In DICT 1 mode, the keys C4-B5 are used to assign the chord type, and keys C6-B6 are used to assign the chord root.

When the chord type and chord root are confirmed, the display will show the chord and its keyboard position. For example, if you want to play a CM7 chord, press key C6 to specify C as the chord root. The root note will be shown on the display but the note doesn't sound.

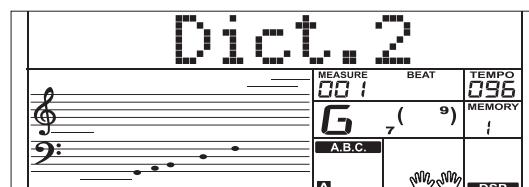
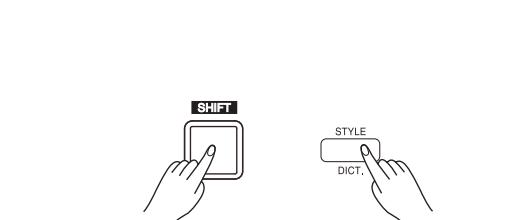
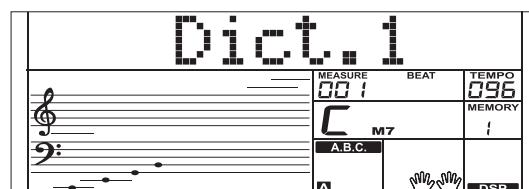
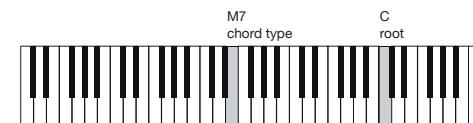
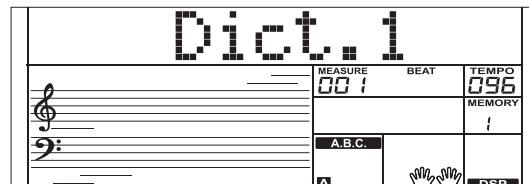
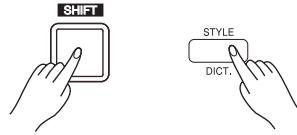
Press the E4 key to specify M7 as the chord type. The display will show the chord and its keyboard position. A prompt sound will be heard when you play it correctly in the chord area.

DICT 2 (CHORD TESTING MODE)

Hold down the [SHIFT] button, and then press the [DICT.] button twice to enter the DICT 2 mode. The display will first show "Dict 2" and then will display a chord name in random order for you to play. If the chord fails to be played in 3 seconds, the correct notes will appear on the display. Once the chord is played correctly, a new chord name will appear after a few seconds. Chords will be displayed in the dictionary mode as follows:

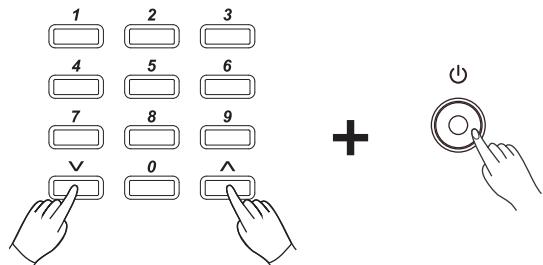
PROMPT MESSAGE					
Note	Chord Root	Note	Chord Root	Note	Chord Root
C6	C	C4	M	C5	7(B9)
C#6	C#/DB	C#4	M(9)	C#5	7(9)
D6	D	D4	6	D5	7(#9)
EB6	Eb/D#	EB4	MM7	EB5	7(B13)
E6	E	E4	M7	E5	7(13)
F6	F	F4	M	F5	7(#11)
F#6	F#/GB	F#4	M(9)	F#5	DIM7
G6	G	G4	M6	G5	DIM
AB6	AB/G#	AB4	M7(9)	AB5	7AUG
A6	A	A4	M7	A5	AUG
BB6	BB/A#	BB4	M7B5	BB5	7SUS4
B6	B	B4	7	B5	SUS4

To turn off the chord dictionary mode, hold down the [SHIFT] button and then press the [DICT.] button again.



RESTORE FACTORY SETTINGS

To restore the factory settings, press and hold the [v] and [^] buttons together and then power on the keyboard. This will delete all user data including user styles and user songs. The display will show "Loading!" After the restore is complete, the instrument will start normally.



VOICE LIST

No.	Name	LCD Name
PIANO		
1	Acoustic Grand Piano	GrandPno
2	Acoustic Grand Piano 2	GrandPn2
3	Acoustic Grand Piano (wide)	GrandPnW
4	Acoustic Grand Piano (dark)	GrandPnD
5	Bright Acoustic Piano	BritePno
6	Bright Acoustic Piano 2	BritePn2
7	Bright Acoustic Piano (wide)	BritePnW
8	Electric Grand Piano	E.Grand
9	Electric Grand Piano 2	E.Grand2
10	Electric Grand Piano (wide)	E.GrandW
11	Electric Grand Piano (dark)	E.GrandD
12	Honky Tonk Piano	HnkyTonk
13	Honky Tonk Piano 2	HnkyTonk2
14	Honky Tonk Piano (wide)	HnkyTonkW
15	Honky Tonk Piano (dark)	HnkyTonkD
16	Harpsichord	Harpsi
17	Harpsichord 2	Harpsi2
18	Harpsichord (octave mix)	HarpsiO
19	Harpsichord (wide)	HarpsiW
20	Harpsichord (with key off)	HarpsiOf
21	Octave Grand Piano	OctPno
22	Octave Grand Piano 2	OctPn2
23	Piano & Strings	Pno&Str
24	Piano & Pad	Pno&Pad
25	Piano & Choir	Pno&Cho
26	Piano & EP	Pno&EP
27	Piano & Vibraphone	Pno&Vib
28	Detuned Electric Piano	DetunEP
29	Detuned Electric Piano 2	DetunEP2
30	Electric Piano	E.Piano
31	Electric Piano 2	E.Piano2
32	Electric Piano 3	E.Piano3
33	Electric Piano 4	E.Piano4
34	Electric Piano 1 (velocity mix)	E.PnoV1
35	Electric Piano 2 (velocity mix)	E.PnoV2
36	60's Electric Piano	60'sEP
37	EP Legend	EPLegend
38	Phase EP	PhaseEP
39	Clavi	Clavi
40	Clavi 2	Clavi2
41	Phase Clavi	PhaseClv
42	Wah Clavi	WahClv
43	Pulse Clavi	PluseClv
44	Dream EP	DreamEP
45	Tremolo EP	TremoEP
46	Funk EP	FunkEP
47	Warm EP	WarmEP
48	Choir EP	ChorEP
49	Wah EP	WahEP
50	Modern EP	ModernEP
51	EP Pad	EPPad
CHROMATIC PERCUSSION		
52	Celesta	Celesta
53	Celesta 2	Celesta2
ORGAN		
54	Celesta 3	Celesta3
55	Glockenspiel	Glocken
56	Glockenspiel 2	Glocken2
57	Glockenspiel 3	Glocken3
58	Music Box	MusicBox
59	Music Box 2	MuscBox2
60	Music Box 3	MuscBox3
61	Vibraphone	Vibra
62	Vibraphone 2	Vibra2
63	Vibraphone (wide)	VibraW
64	Marimba	Marimba
65	Marimba 2	Marimba2
66	Marimba (wide)	MarimbaW
67	Xylophone	Xylophon
68	Xylophone 2	Xylopho2
69	Xylophone 3	Xylopho3
70	Tubular Bells	TubulBel
71	Tubular Bells 2	TubulBe2
72	Church Bell	ChurBell
73	Carillon	Carillon
74	Dulcimer	Dulcimer
75	Dulcimer 2	Dulcime2
76	Santur	Santur
GUITAR		
107	Acoustic Guitar (nylon)	NylonGtr

VOICE LIST

No.	Name	LCD Name		
108	Acoustic Guitar (nylon) 2	NylonGt2		
109	Acoustic Guitar (nylon) 3	NylonGt3		
110	Acoustic Guitar (nylon + key off)	NylGtrOf		
111	Ukulele	Ukulele		
112	Acoustic Guitar (steel)	SteelGtr		
113	Acoustic Guitar (steel) 2	SteelGt2		
114	12-Strings Guitar	12StrGtr		
115	Mandolin	Mandolin		
116	Mandolin 2	Mandoli2		
117	Steel Guitar with Body Sound	SteelBdy		
118	Electric Guitar (jazz)	JazzGtr		
119	Electric Guitar (jazz) 2	JazzGtr2		
120	Electric Guitar (pedal steel)	PedalGtr		
121	Electric Guitar (clean)	CleanGtr		
122	Electric Guitar (clean) 2	CleanGt2		
123	Electric Guitar (detuned clean)	DetClnGt		
124	Mid Tone Guitar	MidTonGt		
125	Electric Guitar (muted)	MutedGtr		
126	Electric Guitar (muted) 2	MutedGt2		
127	Electric Guitar (funky cutting)	FunkGt		
128	Electric Guitar (muted velo-sw)	MutVelGt		
129	Jazz Man	JazzMan		
130	Overdriven Guitar	Ovrdrive		
131	Overdriven Guitar 2	Ovdrv2		
132	Guitar Pinch	GtPinch		
133	Distortion Guitar	DistGtr		
134	Distortion Guitar 2	DistGtr2		
135	Distortion Guitar (with feedback)	FeedbkGt		
136	Guitar Feedback	GtrFdbk		
137	Distorted Rhythm Guitar	DistRyth		
138	Guitar Harmonics	GtrHarmo		
139	Guitar Harmonics 2	GtHarmo2		
140	Velocity Nylon Guitar	NyInGtVe		
BASS				
141	Acoustic Bass	AcoBass		
142	Acoustic Bass 2	AcoBass2		
143	Wah Bass	WahBass		
144	Electric Bass (finger)	FngrBass		
145	Finger Slap Bass	FngrSlap		
146	Electric Bass (pick)	PickBass		
147	Electric Bass (pick) 2	PickBas2		
148	Fretless Bass	Fretless		
149	Fretless Bass 2	Fretles2		
150	Slap Bass	SlapBass		
151	Slap Bass 2	SlapBas2		
152	Slap Bass 3	SlapBas3		
153	Slap Bass 4	SlapBas4		
154	Synth Bass	SynBass		
155	Synth Bass 2	SynBass2		
156	Synth Bass 3	SynBass3		
157	Synth Bass 4	SynBass4		
158	Warm Synth Bass	WarmBass		
159	Resonance Synth Bass	ResoBass		
160	Clavi Bass	ClavBass		
161	Hammer	Hammer		
162	Attack Bass	AttackBas		
163	Synth Bass (rubber)	RubbBass		
164	Synth Bass (rubber) 2	RubbBas2		
165	Attack Pulse	AttackPls		
STRINGS & ORCHESTRAL				
166	Violin	Violin		
167	Violin 2	Violin2		
168	Violin (slow attack)	SlViolin		
169	Viola	Viola		
170	Viola 2	Viola2		
171	Cello	Cello		
172	Cello 2	Cello2		
173	Contrabass	Contrabs		
174	Contrabass 2	Contrbs2		
175	Tremolo Strings	TremStr		
176	Tremolo Strings 2	TremStr2		
177	Tremolo Strings 3	TremStr3		
178	Pizzicato Strings	PizzStr		
179	Pizzicato Strings 2	PizzStr2		
180	Orchestral Harp	Harp		
181	Orchestral Harp 2	Harp2		
182	Yang Chin	YangChin		
183	Timpani	Timpani		
184	Timpani 2	Timpani2		
185	String Ensembles	Strings		
186	String Ensembles 2	Strings2		
187	String Ensembles 3	Strings3		
188	String Ensembles 4	Strings4		
189	Strings & Brass	Str&Bras		
190	60's Strings	60'sStr		
191	Synth Strings	SynStrs		
192	Synth Strings 2	SynStrs2		
193	Synth Strings 3	SynStrs3		
194	Synth Strings 4	SynStrs4		
195	Synth Strings 5	SynStrs5		
196	Choir Aahs	ChoirAah		
197	Choir Aahs 2	ChorAah2		
198	Choir Aahs 3	ChorAah3		
199	Voice Oohs	VoiceOoh		
200	Voice Oohs 2	VoiOoh2		
201	Humming	Humming		
202	Analogue Voice	AnlVoice		
203	Synth Voice	SynVoice		
204	Synth Voice 2	SynVoic2		
205	Orchestra Hit	OrchHit		
206	Orchestra Hit 2	OrchHit2		
207	Bass Hit Plus	BassHit		
208	6th Hit	6thHit		
209	Euro Hit	EuroHit		
STRINGS & ORCHESTRAL				
210	Trumpet	Trumpet		
211	Trumpet 2	Trumpet2		
212	Dark Trumpet	DarkTrp		
213	Trombone	Trombone		
214	Trombone 2	Trmbone2		
215	Trombone 3	Trmbone3		

VOICE LIST

No.	Name	LCD Name		
216	Bright Trombone	BritBone		
217	Tuba	Tuba		
218	Tuba 2	Tuba2		
219	Muted Trumpet	MuteTrp		
220	Muted Trumpet 2	MuteTrp2		
221	Muted Trumpet 3	MuteTrp3		
222	French Horn	FrHorn		
223	French Horn 2	FrHorn2		
224	French Horn 3	FrHorn3		
225	Brass Section	Brass		
226	Brass Section 2	Brass2		
227	Brass Section 3	Brass3		
228	Synth Brass	SynBrass		
229	Synth Brass 2	SynBras2		
230	Synth Brass 3	SynBras3		
231	Synth Brass 4	SynBras4		
232	Synth Brass 5	SynBras5		
233	Synth Brass 6	SynBras6		
234	Synth Brass 7	SynBras7		
235	Synth Brass 8	SynBras8		
236	Analogue Synth Brass	AnaBrass		
237	Analogue Synth Brass 2	AnaBras2		
238	Analogue Synth Brass 3	AnaBras3		
239	Jump Brass	JumpBras		
240	Jump Brass 2	JumpBrs2		
241	Funny	Funny		
242	Funny 2	Funny2		
REED				
243	Soprano Sax	SwetOboe		
244	Soprano Sax 2	EngHorn		
245	Soprano Sax 3	EngHorn2		
246	Alto Sax	Bassoon		
247	Alto Sax 2	Bassoon2		
248	Alto Sax 3	Clarine		
249	Tenor Sax	Clarine2		
250	Tenor Sax 2	Piccolo		
251	Tenor Sax 3	Piccolo2		
252	Baritone Sax	Flute		
253	Baritone Sax 2	Flute2		
254	Baritone Sax 3	Recordr		
255	Oboe	Recordr2		
256	Oboe 2	PanFlut		
257	Oboe 3	PanFlut2		
258	2 Oboes	Bottle		
259	English Horn	Bottle2		
260	English Horn 2	Shakchi		
261	English Horn 3	Shakchi2		
262	2 English Horns	Whistle		
263	Bassoon	Ocarina		
264	Bassoon 2	SquarLd		
265	Bassoon 3	SquarLd2		
266	2 Bassoons	AnaLead		
267	Clarinet	SineLead		
268	Clarinet 2	SquarLd2		
269	Clarinet 3	SquarLd2		
270	2 Clarinets	2Clarins		
PIPE				
271	Piccolo	Piccolo		
272	Piccolo 2	Piccolo2		
273	Piccolo 3	Piccolo3		
274	2 Piccolos	2Picolos		
275	Sweet Flute	SweeFlut		
276	Flute	Flute		
277	Flute 2	Flute2		
278	Flute 3	Flute3		
279	2 Flutes	2Flutes		
280	Recorder	Recorder		
281	Recorder 2	Recorder2		
282	2 Recorders	2Records		
283	Pan Flute	PanFlute		
284	Pan Flute 2	PanFlut2		
285	Sweet Pan Flute	SwPanFlu		
286	Blown Bottle	Bottle		
287	Blown Bottle 2	Bottle2		
288	Shakuhachi	Shakhchi		
289	Shakuhachi 2	Shakhch2		
290	Whistle	Whistle		
291	Whistle 2	Whistle2		
292	Ocarina	Ocarina		
293	Ocarina 2	Ocarina2		
SYNTH LEAD				
294	Lead 1 (square)	SquareLd		
295	Lead 1 (square) 2	SquareLd2		
296	Lead 1 (square) 3	SquareLd3		
297	Lead 1 (sine)	SineLead		
298	Lead 2 (sawtooth)	SawLead		
299	Lead 2 (sawtooth) 2	SawLead2		
300	Lead 2 (sawtooth) 3	SawLead3		
301	Lead 2 (sawtooth + pulse)	SawPlsLd		
302	Lead 2 (double sawtooth)	DubSawLd		
303	Lead 2 (sequenced analogue)	SquAnaLd		
304	Lead 2 (sequenced analogue) 2	SqAnaLd2		
305	Wavy Sawtooth	WavySaw		
306	Lead Synth Voice	BaubleLd		
307	Super Analogue	SuperAna		
308	Lead 3 (calliope)	CallopLd		
309	Lead 3 (calliope) 2	CalipLd2		
310	Lead 4 (chiff)	ChiffLd		
311	Lead 4 (chiff) 2	ChiffLd2		
312	Lead 4 (chiff) 3	ChiffLd3		
313	Lead 4 (chiff) 4	ChiffLd4		
314	Lead 5 (charang)	CharanLd		
315	Lead 5 (charang) 2	CharaLd2		
316	Lead 5 (charang) 3	CharaLd3		
317	Lead 5 (charang) 4	CharaLd4		
318	Lead 5 (wire lead)	WireLead		
319	Lead 5a (wire lead) 2	WireLd2		
320	Lead 6 (voice)	VoiceLd		
321	Lead 6 (voice) 2	VoiceLd2		
322	Lead 7 (fifths)	FifthsLd		
323	Lead 7 (fifths) 2	FifthLd2		

VOICE LIST

No.	Name	LCD Name			
324	Lead 8 (bass + lead)	BassLead	378	Warmly Pad	
325	Lead 8 (bass + lead) 2	BasLead2	379	Horn Pad	
326	Lead 8 (bass + lead) 3	BasLead3	380	Click Pad	
327	Lead + Soft Delay	SftVrlLd	381	Analogue Pad	
328	Massiness	Massin	382	80's Poly Pad	
329	Square	Square	383	Soft Pulse Width Modulation + Fourth	
330	Slow Square Lead	SlwSquLd	384	Synth Calliope Soft	
331	Sine Solo	SineSolo	385	Soft Vox	
332	Square Lead 4	SqrLd4	386	5th SawWave	
333	Thick Square	ThickSqu	387	5th Lead Soft	
334	2 Oscillators Lead	2OsclLd	388	Slow Square	
335	Wavy Sawtooth 2	WavySaw2	389	New Year Pad	
336	Analogue Lead	AnaLead	390	Space Voice	
337	Big Lead	BigLead	391	Rising	
338	Fat Lead	FatLead	392	Congregate	
339	Pulse Width Modulation + Forth	Rezz4th	393	FX 1 (rain)	
340	Delayed Lead	DelyLead	394	FX 1 (rain) 2	
341	Delayed Lead 2	DlyLead2	395	FX 2 (soundtrack)	
342	Fifth Lead	FifLead	396	FX 2 (soundtrack) 2	
343	Square Wave Synth Voice	Corrie	397	Prelude	
344	Lead + Fifth	Quint	398	FX 3 (crystal)	
SYNTH PAD			399	FX 3 (crystal) 2	
345	Pad 1 (new age)	NewAge	400	FX 3 (crystal) 3	
346	Pad 1 (new age) 2	NewAge2	401	FX 3 (synth mallet)	
347	Pad 1 (new age) 3	NewAge3	402	FX 4 (atmosphere)	
348	Pad 1 (new age) 4	NewAge4	403	FX 4 (atmosphere) 2	
349	Pad 2 (warm)	WarmPad	404	Warm Air	
350	Pad 2 (warm) 2	WarmPad2	405	FX 5 (brightness)	
351	Pad 2 (warm)3	WarmPad3	406	FX 5 (brightness) 2	
352	Pad 2 (sine pad)	SinePad	407	Smog	
353	Pad 3 (polysynth)	PolySyn	408	FX 6 (goblins)	
354	Pad 3 (polysynth) 2	PolySyn2	409	FX 6 (goblins) 2	
355	Pad 3 (polysynth) 3	PolySyn3	410	FX 6 (goblins) 3	
356	Pad 3 (polysynth) 4	PolySyn4	411	Choir Bell	
357	Pad 4 (choir)	ChoirPad	412	Choir Bell 2	
358	Pad 4 (choir) 2	ChoirPd2	413	FX 7 (echoes)	
359	Pad 4 (itopia)	ItopiaPd	414	FX 7 (echoes) 2	
360	Pad 5 (bowed)	BowedPad	415	FX 7 (echoes) 3	
361	Pad 5 (bowed) 2	BowedPd2	416	FX 7 (echo pan)	
362	Pad 5 (bowed) 3	BowedPd3	417	FX 7 (echo bell)	
363	Pad 5 (bowed) 4	BowedPd4	418	FX 7 (echo bell) 2	
364	Pad 6 (metallic)	MetalPad	419	FX 7 (echo bell) 3	
365	Pad 6 (metallic) 2	MetalPd2	420	FX 8 (sci-fi)	
366	Pad 6 (metallic) 3	MetalPd3	421	FX 8 (sci-fi) 2	
367	Pad 7 (halo)	HaloPad	422	FX 8 (sci-fi) 3	
368	Pad 7 (halo) 2	HaloPad2	WORLD MUSIC		
369	Pad 7 (halo) 3	HaloPad3	423	Sitar	
370	Pad 7 (halo) 4	HaloPad4	424	Sitar 2	
371	Pad 8 (sweep)	SweepPad	425	Sitar 3	
372	Pad 8 (sweep) 2	SweepPd2	426	Banjo	
373	Pad 8 (sweep) 3	SweepPd3	427	Banjo 2	
374	Pan Pad	PanPad	428	Banjo 3	
375	Pan Pad 2	PanPad2	429	Shamisen	
376	Dipolar Pad	DipolPad	430	Shamisen 2	
377	Pulse Width Modulation Pad	PWMPad	431	Shamisen 3	
			432	Koto	

VOICE LIST

No.	Name	LCD Name		
433	Koto 2	Koto2		
434	Taisho Koto	TaishoKt		
435	Kalimba	Kalimba		
436	Kalimba 2	Kalimba2		
437	Kalimba 3	Kalimba3		
438	Bagpipes	BagPipe		
439	Bagpipes 2	BagPipe2		
440	Bagpipes 3	BagPipe3		
441	Fiddle	Fiddle		
442	Fiddle 2	Fiddle2		
443	Fiddle 3	Fiddle3		
444	Shenhai	Shanai		
445	Shenhai 2	Shanai2		
446	Shenhai 3	Shanai3		
PERCUSSIVE				
447	Tinkle Bell	TnklBell		
448	Tinkle Bell 2	TnklBel2		
449	Tinkle Bell 3	TnklBel3		
450	Agogo	Agogo		
451	Agogo 2	Agogo2		
452	Agogo 3	Agogo3		
453	Steel Drums	SteelDrm		
454	Steel Drums 2	StelDrm2		
455	Steel Drums 3	StelDrm3		
456	Woodblock	WoodBlok		
457	Woodblock 2	WodBlok2		
458	Woodblock 3	WodBlok3		
459	Castanets	Castanet		
460	Castanets 2	Castant2		
461	Taiko Drum	TaikoDrm		
462	Taiko Drum 2	TaikDrm2		
463	Taiko Drum 3	TaikDrm3		
464	Concert Bass Drum	ConBasDm		
465	Concert Bass Drum 2	ConBsDm2		
466	Acoustic Bass Drum	BassDrm		
467	Room Kick	RoomKick		
468	Power Kick	Powrkick		
469	Electric Bass Drum	ElBsDrm		
470	Analogue Bass Drum	AnBsDrm		
471	Jazz Kick	JazzKick		
472	Side Stick	SidStick		
473	Analogue Rim Shot	AnRiShot		
474	Acoustic Snare	A.Snare		
475	Room Snare	RomSnare		
476	Power Snare	PowSnare		
477	Electric Snare	E.Snare		
478	Analogue Snare	AnaSnare		
479	Jazz Snare	JazSnare		
480	Brush Tap	BrushTap		
481	Concert Snare Drum	ConcertSD		
482	Hand Clap	HandClap		
483	Tom	Tom		
484	Room Tom	RoomTom		
485	Power Tom	PowerTom		
486	Electric Tom	ElecTom		
487	Analogue Closed Hi-hat	AnaTom		
488	Brush Tom	BrushTom		
489	Closed Hi-hat	ClosedHH		
490	Analog Closed Hi-hat	AnCloHH		
491	Pedal Hi-hat	PedalHH		
492	Open Hi-hat	OpenHH		
493	Crash Cymbal	CrashCym		
494	Analogue Cymbal	AnaCym		
495	Ride Cymbal	RideCym		
496	China Cymbal	ChinaCym		
497	Ride Bell	RideBell		
498	Tambourine	Tambouri		
499	Splash Cymbal	SplashCy		
500	Cowbell	Cowbell		
501	Analogue Cowbell	AnaCowbl		
502	High Bongo	HiBongo		
503	Low Bongo	LoBongo		
504	Mute High Conga	MuHiCnga		
505	Open High Conga	OpHiCnga		
506	Low Conga	LowConga		
507	Analogue High Conga	AnHiCnga		
508	Analogue Mid Conga	AnMiCnga		
509	Analogue Low Conga	AnLoCnga		
510	High Timbale	HiTimbal		
511	Low Timbale	LoTimbal		
512	Cabasa	Cabasa		
513	Maracas	Maracas		
514	Analogue Maracas	AnMaraca		
515	Short Guiro	ShGuiro		
516	Long Guiro	LoGuiro		
517	Claves	Claves		
518	Mute Cuica	MuCuica		
519	Open Cuica	OpCuica		
520	Mute Triangle	MuTrgle		
521	Open Triangle	OpTrgle		
522	Shaker	Shaker		
523	Mute Surdo	MuSurdo		
524	Open Surdo	OpSurdo		
525	Melodic Tom	MeloTom		
526	Melodic Tom 2	MeloTom2		
527	Melodic Tom 3	MeloTom3		
528	Synth Drum	SynDrum		
529	Synth Drum 2	SynDrum2		
530	Rhythm Box Tom	RhythBox		
531	Electric Drum	ElecDrum		
532	Electric Drum 2	EleDrum2		
533	Reverse Cymbal	RevCymb1		
534	Reverse Cymbal 2	RevCymb2		
535	Guitar Fret Noise	FretNoiz		
536	Guitar Fret Noise 2	FreNoiz2		
537	Guitar Cutting Noise	GtCtNoiz		
538	Guitar Cutting Noise 2	GtCtNoiz2		
539	Acoustic Bass String Slap	BsStSlap		
540	Acoustic Bass String Slap 2	BsStSlp2		
541	Breath Noise	BrthNoiz		

VOICE LIST

No.	Name	LCD Nam		
542	Breath Noise 2	BrthNoz2		
543	Flute Key Click	FlKeyClk		
544	Flute Key Click 2	FlKeyCk2		
545	Seashore	Seashore		
546	Seashore 2	Seashor2		
547	Rain	Rain		
548	Thunder	Thunder		
549	Wind	Wind		
550	Stream	Stream		
551	Bubble	Bubble		
552	Bird Tweet	Tweet		
553	Bird Tweet 2	Tweet2		
554	Dog	Dog		
555	Horse Gallop	HouseGlp		
556	Telephone Ring	Telephone		
557	Telephone Ring 2	Telphon2		
558	Door Creaking	DoorCrek		
559	Door	Door		
560	Scratch	Scratch		
561	Wind Chime	WindChim		
562	Helicopter	Helicptr		
563	Car Engine	CarEngin		
564	Car Stop	CarStop		
565	Car Pass	CarPass		
566	Car Crash	CarCrash		
567	Siren	Siren		
568	Train	Train		
569	Jetplane	Jetplane		
570	Starship	Starship		
571	Burst Noise	BurtNois		
572	Applause	Applause		
573	Laughing	Laughing		
574	Screaming	Scream		
575	Punch	Punch		
576	Heart Beat	HeartBet		
577	Footsteps	Footstep		
578	Gunshot	Gunshot		
579	Machine Gun	MachnGun		
580	Lasergun	Lasergun		
581	Explosion	Explosio		
COMBINED VOICE				
582	Stereo Piano & Strings Pad	Pn&StrPd		
583	Stereo Piano & Choir	Pn&Choir		
584	Stereo Piano & Synth Strings	Pn&SyStr		
585	Stereo Piano & Warm Pad	Pn&WrmPd		
586	Stereo Piano & Soft EP	Pn&SfEP		
587	FM Electric Piano	FMEP		
588	Digital Piano	DigitlPn		
589	E.Piano & Strings	EP&Str		
590	E.Piano & Acoustic Guitar	EP&Gtr		
591	E.Piano & Vibraphone	EP&Vibra		
592	E.Piano 2 & Pad	EP2&Pad		
593	E.Piano 2 & Strings	EP2&Str		
594	Harpsichord & Stereo Strings	Hrps&Str		
595	Music Box & Stereo Strings	MBox&Str		
DRUMS				
645	Standard Set	StandSet		
646	Room Set	RoomSet		
647	Power Set	PowerSet		
648	Electronic Set	ElectSet		
649	Analogue Set	AnalgSet		
650	Jazz Set	JazzSet		

VOICE LIST

No.	Name	LCD Nam
651	Brush Set	BrushSet
652	Orchestra Set	OrcheSet
653	SFX Set	SFXSet

STYLE LIST

No.	Name	LCD Name
8BEAT		
1	8Beat Ballad	8BtBld
2	8Beat Piano	8BtPiano
3	8Beat 1	8Beat1
4	Guitar Pop 1	GtPop1
5	8Beat Hip Hop	8BtHiHop
6	8Beat Blues Rock	8BtBluRk
7	8Beat Pop	8BtPop
8	Pop Funk 1	PopFunk1
9	Rhythm&Beat 1	Rhy&Bt1
10	8Beat Disco 1	8BtDisc1
11	8Beat Rock	8BtRock
12	Guitar Pop 2	GtPop2
13	8Beat 2	8Beat2
14	Sweet Beat	SweetBt
15	8Beat Dance	8BtDance
16	8Beat Disco 2	8BtDisc2
17	Pop Funk 2	PopFunk2
18	8Beat 3	8Beat3
19	60's 8Beat	60's8Bt
20	Rhythm&Beat 2	Rhy&Bt2
16BEAT		
21	16Beat 1	16Beat1
22	16Beat Funk 1	16BtFuk1
23	16Beat Ballad 1	16BtBld1
24	16Beat R&B	16BtR&B
25	Pop 16Beat 1	Pop16Bt1
26	16Beat Funk 2	16BtFuk2
27	16Beat Dance	16BtDanc
28	Pop 16Beat 2	Pop16Bt2
29	16Beat 2	16Beat2
30	Pop 16Beat 3	Pop16Bt3
31	Pop 16Beat 4	Pop16Bt4
32	Modern 16Beat	Modr16Bt
33	16Beat Hot	16BtHot
34	16Beat Modern	16BtModr
35	16Beat Funk 3	16BtFuk3
36	16Beat 3	16Beat3
37	Cool Beat	CoolBeat
38	16Beat Ballad 2	16BtBld2
39	16Beat 4	16Beat4
40	Pop Shuffle	PopShfl
POP & BALLAD		
41	Pop Rock 1	PopRock1
42	Pop Dance 1	PopDanc1
43	Pop Fusion	PopFusn
44	Analogue Night 1	AnalgNt1
45	6/8 Pop	6/8Pop
46	Brit. Pop 1	BritPop1
47	Brit. Pop 2	BritPop2
48	Pop Hit	PopHit
49	Fusion Shuffle	FusShfl
50	Analogue Night 2	AnalgNt2
51	Guitar Pop 3	GtPop3
52	Pop Beat	PopBeat
53	Soft Beat	SoftBeat
54	60's Pop	60'sPop
55	Sting Latin	StigLatn
56	R&B Ballad 1	R&BBld1
57	Guitar Ballad	GtBallad
58	Ballad Rock	BaldRock
59	Piano Pop	PianoPop
60	Soft Ballad	SoftBald
61	Natural Ballad	NatulBld
62	Love Ballad	LoveBald
63	Easy Ballad	EasyBald
64	Miami Folk	MiamiBld
65	Slow Ballad	SlowBald
66	Folk Ballad	FolkBald
67	Pop Ballad 1	PopBald1
68	Pop Ballad 2	PopBald2
69	EP Ballad	EPBallad
70	New R&B Ballad	NewRBld
ROCK		
71	Rock	Rock
72	New Wave	NewWave
73	Ska	Ska
74	Pop Rock 2	PopRock2
75	Slow Rock	SlowRock
76	70's Rock&Roll	70'sRock
77	Folk Rock	FolkRock
78	Soft Rock	SoftRock
79	Old Rock	OldRock
80	Easy Rock	EasyRock
81	New Shuffle	NewShuf
82	Rock Hip Hop	RkHipHop
83	Rock&Roll 1	R'N'R1
84	Rock Shuffle	RockShfl
85	Rock&Roll 2	R'N'R2
BALLROOM		
86	Tango 1	Tango1
87	Spain Matador	Matador
88	Twist 1	Twist1
89	Twist 2	Twist2
90	Big Band Foxtrot	BandFox
91	Tango 2	Tango2
92	Slow Foxtrot	SlowFox
93	Slow Waltz 1	SlowWlt1
94	Swing Foxtrot	SwingFox
95	Salsa 1	Salsa1
96	Cha Cha 1	ChaCha1
97	Cha Cha 2	ChaCha2
98	Beguine 1	Beguine1
99	Beguine 2	Beguine2
100	Rumba 1	Rumba1
101	Samba 1	Samba1
102	Samba 2	Samba2
103	Jive	Jive
104	Foxtrot	FoxTrot
DANCE		
105	Techno 1	Techno1

STYLE LIST

No.	Name	LCD Name	
106	Hip Hop 1	HipHop1	
107	House 1	House1	
108	House 2	House2	
109	Pop Dance 2	PopDanc2	
110	Down Beat	DownBeat	
111	Techno 2	Techno2	
112	Progressive	Progress	
113	Rap 1	Rap1	
114	Rap 2	Rap2	
115	Disco	Disco	
116	Soft Disco	SoftDisc	
117	Disco Party	DscParty	
118	70's Disco	70'sDisc	
119	70's Disco Funk	70'sFunk	
120	Club Dance	ClubDanc	
121	Euro Dance	EuroDanc	
122	Hip Hop 2	HipHop2	
123	Garage	Garage	
SOUL & FUNK			
124	Funk 1	Funk1	
125	Classic Funk	ClasFunk	
126	Jay R&B	JayR&B	
127	Gospel Swing	GopSwing	
128	Gospel	Gospel	
129	Funk 2	Funk2	
130	Electric Funk	ElecFunk	
131	Groove Funk	GrooveFk	
132	Rubber Funk	RubberFk	
133	Cool Funky	ColFunky	
134	Jazz Funk	JazzFunk	
135	Groove	Groove	
136	Soul	Soul	
137	Hip Hop Soul	HipHopSl	
138	Hip Hop Beat	HipHopBt	
139	R&B	R&B	
140	Soul Beat	SoulBeat	
141	R&B Ballad 2	R&BBld2	
142	British Soul Pop	BritSoul	
SWING & JAZZ			
143	Latin Jazz 1	LatinJz1	
144	Big Band 1	BigBand1	
145	Dixieland 1	Dixland1	
146	Guitar Swing 1	GtSwing1	
147	Broadway Big Band	BwayBand	
148	Swing	Swing	
149	Latin Jazz 2	LatinJz2	
150	Fusion	Fusion	
151	Acid Jazz	AcidJazz	
152	Cool Jazz Ballad	CoolJzBd	
153	Swing Shuffle	SwingSfl	
154	Big Band Medium	BandMid	
155	Dixieland 2	Dixland2	
156	Acoustic Jazz	AcoustJz	
157	Guitar Swing 2	GtSwing2	
158	Ragtime	Ragtime	
159	Modern Jazz Ballad	MdjzBald	
160	Swing Ballad	SwingBal	
161	Orchestra Swing	OrhSwing	
COUNTRY			
162	Country Pop 1	CntyPop1	
163	Bluegrass 1	Blugras1	
164	8Beat Country	8BtCnty	
165	Modern Country	ModrCntry	
166	Country Pop 2	CntyPop2	
167	Bluegrass 2	Blugras2	
168	2/4 Country	2/4Cntry	
169	Country Quick Steps	QuickStp	
170	Country Folk	CntyFolk	
171	Country Shuffle	CnyShuf	
LATIN & LATIN DANCE			
172	Samba 3	Samba3	
173	Bossa Nova	BosaNova	
174	Latin	Latin	
175	New Reggae	NewRegga	
176	Reggae Dance	DanRegga	
177	Paso Doble	Pasodobl	
178	Lite Bossa	LteBossa	
179	Latin Rock	LatinRck	
180	Beguine 3	Beguine3	
181	Slow Bolero	SlBolero	
182	Disco Samba	DscSamba	
183	Mambo	Mambo	
184	Meneito	Meneito	
185	Rumba 2	Rumba2	
186	Rumba 3	Rumba3	
187	Tikitikita	Tikitkta	
188	Lambada	Lambada	
189	Pop Cha Cha 1	PChaCha1	
190	Pop Cha Cha 2	PChaCha2	
191	Salsa 2	Salsa2	
LATIN & LATIN DANCE			
192	Waltz	Waltz	
193	Old Waltz	OldWaltz	
194	English Waltz	EngWaltz	
195	German Waltz	GemWaltz	
196	Italian Mazurka	ItaMazuk	
197	Mexico Waltz	MexWaltz	
198	Vienna Waltz	VinaWltz	
199	Slow Waltz 2	SlwWltz2	
200	Jazz Waltz	JazzWltz	
201	Polka	Polka	
202	6/8 March	6/8March	
203	German Polka	GemPolka	
204	Party Polka	PtyPolka	
205	Army March	ArmMarch	
206	March	March	
207	US March	USMarch	
208	Musette	Musette	
209	French Musette	FMusette	
210	Mazurka	Mazurka	

STYLE LIST

No.	Name	LCD Name
WORLD		
211	Enka Ballad	EnkaBald
212	Laendler	Laendlar
213	Hawaiian	Hawaiian
214	Sirtake	Sirtake
215	Dangdut	Dangdut
216	6/8 Flipper	6/8Flipp
217	New Age	NewAge
218	Tarantella	Tarantel
219	Scottish	Scottish
220	Norteno	Norteno
PIANIST		
221	Pianist 1	Pianist1
222	Pianist 2	Pianist2
223	Pianist 3	Pianist3
224	Jazz 1	Jazz1
225	Jazz 2	Jazz2
226	Jazz Pub	JazzPub
227	Piano Rock	PianoRk
228	Pop Bossa	PopBossa
229	March 1	March1
230	March 2	March2
231	Piano Beat	PianoBt
232	Piano Bar	PianoBar
233	Blues	Blues
234	Pop Waltz	PopWaltz
235	Slow Waltz	SlowWltz
236	Ballad 1	Ballad1
237	Ballad 2	Ballad2
238	6/8 Ballad	6/8Bald
239	Pop 1	Pop1
240	Pop 2	Pop2

SONG LIST

No.	Name	LCD Name	
FOLK & COUNTRY			
1	Toccata	Toccata	
2	Carry Me Back To Old Virginny	Virginny	
3	El Condor Pasa	ElCondor	
4	Wedding March	Wedding	
5	Traumerei	Traumere	
6	Greensleeves	Sleeves	
7	Home Sweet Home	SwethHome	
8	Aloha Oe	AlohaOe	
9	Long Long Ago	LongAgo	
10	Heidenroslein	Heidenro	
11	Die Lorelei	Lorelei	
12	My Darling Clementine	Clemtine	
13	Over The Waves	OverWave	
14	Gwine To Run All Night	Gwine	
15	Oh! Susanna	Susanna	
16	Turkey In The Straw	TukyStaw	
17	Symphony No.6 "Pathetic"	Sympony6	
18	Prelude Op.28 No.15	Prelude	
19	The House Of The Rising Sun	RiseSun	
20	My Old Kentucky Home	Kentucky	
21	Home On The Range	HomeRnge	
22	Her Bright Smile Haunts Me Still	HerSmile	
23	The Blue-Bells Of Scotland	BlueBell	
24	Old Black Joe	BlackJoe	
25	Old Dog Tray	DogTray	
26	Menuet	Menuet	
POP			
27	Valse Des Fleurs	Fleurs	
28	Fruhlingsstimmen	Fruhling	
29	Frohlicher Landmann	Landmann	
30	Are You Lonesome Tonight?	Lonesome	
31	Toy Symphony	ToySymph	
32	Auld Lang Syne	LangSyne	
33	Ave Maria	AveMaria	
34	Tales Of Hoffman	Hoffman	
35	La Donne Mobile	DoneMble	
36	Serenata	Serenata	
37	Bridal March	Bridal	
38	Ich Liebe Dich	LieDich	
39	Chanson Du Toreador	Toreador	
40	Danny Boy	DannyBoy	
41	Wiegenlied 2	Wieglied2	
42	Spanish Serenade	Serenade	
43	Piano Concerto	Concerto	
44	Piano Concerto 2	Concrto2	
45	Madame Butterfly	Madame	
46	Invitation To The Dance	ToDance	
47	Wiegenlied 3	Wieglied3	
48	My Bonnie	MyBonnie	
49	Jingle Bells	JingBell	
50	Joy To The World	JoyWorld	
51	La Paloma	LaPaloma	
52	La Cucaracha	Cucarach	
53	La Reine De Saba	Saba	
54	Little Brown Jug	BrownJug	
55	Battle Hymn Of The Republic	BatlHyme	
56	Yellow Rose Of Texas	YellRose	
57	The Wabash Cannon Ball	CannBall	
58	Turkish March	Turkish	
59	Annie Laurie	AnnieLa	
60	An Die Musik	Musik	
61	Lieder Ohne Worte Op.62 No.6	Lieder	
62	Die Forelle	Forelle	
63	Red River Valley	RedRiver	
64	Symphony No. 94 "Suprise"	No. 94	
65	Polonaise	Polonais	
66	Rondeau	Rondeau	
67	Moments Musicaux	Musicaux	
68	Moldau	Moldau	
69	Silent Night	SltNight	
70	Dreaming Of Home And Mother	Dreaming	
71	Summertime	Summer	
72	Ring Ring De Banjo	DeBanjo	
73	Der Lindenbaum	DerLinde	
74	Zigeunerweisen	Zigeuner	
75	The Maiden's Prayer	Prayer	
76	Fur Elise	FurElise	
77	Der Freischutz	DerFreis	
78	Maria! Mari!	Maria!	
79	Heidenroslein	Heidenro	
80	Symphony No.5	Symphony	
81	Anitra's Dance	Anitra	
82	Sadko-Chanson Indoue	Chanson	
83	Orpheus	Orpheus	
84	William Tell Overture	Overture	
CLASSICAL			
85	Moon Light Sonata	Sonata	
86	A Lover's Concerto	Concerto	
87	Air On The G-String	G-String	
88	An Der Shonen Blauen Donau	Donau	
89	Auf Flugeln Des Gesanges	Gesanges	
90	Beautiful Dreamer	Dreamer	
91	Dance Des Mirlitons	Mirliton	
92	Etude Op. 10 No. 3	Etude3	
93	Gavotte	Gavotte	
94	Whispering hope	Whisper	
95	Hungarian Dances No. 5	Hungaian	
96	From The New World	NewWorld	
97	Serenata Rimpiant	Serenata	
98	Triumphal March	Trimphal	
99	The Skaters Waltz	Skaters	
100	O Sole Mio	OSoleMio	
101	Jeanie With The Light Brown Hair	Jeanie	
102	Waves Of The Danube	Danube	
103	Santa Lucia	SantaLuc	
104	Solveig's Song	Solveig	
105	Piano Sonatan No. 8 In C Minor	Patheque	
106	Brahms Waltz	BrmsWltz	
107	Aida	Aida	
108	Carmen-Prelude	Carmen	

SONG LIST

No.	Name	LCD Name
109	L'Arlesienne	L'Arlesi
110	Ungarische Tanz	Ungaris
111	Mazurka	Mazurka
112	Pizzicato Polka	Polka
113	Menuett	Menuett
114	Rigoletto	Rigoletto
115	Serenade	Serenade
116	Song Without Words	SongNoWd
117	Swan	Swan
118	The Dying Swan	DyingSwn
119	Swan Lake Valse	SwnValse
120	The Happy Farmer	HpFarmer
121	The Sleeping Beauty	SleepBty
122	La Traviata	LaTravia
123	Wiegenlied	Wiegenli
124	Mov. 2 Adagio Non Troppo Piano Sonata No. 9 In D	Sonata9
125	Piano Sonata No. 11 In A	Sonata11
126	Prelude In C	Prelude
127	Chinese Dance	ChDance
128	Emperor Waltz	Emperor
129	March Militaire	Militair
130	Symphony No. 40	Symphony

PIANO

131	Hanon Piano Fingering 1	Hanon1
132	Hanon Piano Fingering 2	Hanon2
133	Hanon Piano Fingering 3	Hanon3
134	Hanon Piano Fingering 4	Hanon4
135	Hanon Piano Fingering 5	Hanon5
136	Basic Tutorial Beyer Piano 12	Beyer12
137	Basic Tutorial Beyer Piano 13	Beyer13
138	Basic Tutorial Beyer Piano 14	Beyer14
139	Basic Tutorial Beyer Piano 15	Beyer15
140	Basic Tutorial Beyer Piano 18	Beyer18
141	Cuckoo	Cuckoo
142	Basic Tutorial Beyer Piano 21	Beyer21
143	Basic Tutorial Beyer Piano 29	Beyer29
144	Butterfly	Butterfly
145	Basic Tutorial Beyer Piano 45	Beyer45
146	Christmas Eve	XmasEve
147	Basic Tutorial Beyer Piano 50	Beyer50
148	Basic Tutorial Beyer Piano 52	Beyer52
149	Basic Tutorial Beyer Piano 55	Beyer55
150	Basic Tutorial Beyer Piano 59	Beyer59
151	Beyer Eight Degrees Jump Etude	BeyrJump
152	Basic Tutorial Beyer Piano The Scale Of C Major	BeyerC
153	Basic Tutorial Beyer Piano 65	Beyer65
154	Basic Tutorial Beyer Piano 66	Beyer66
155	Old Folks At Home (Piano)	OldFolk2
156	Basic Tutorial Beyer Piano The Scale Of G Major	BeyerG
157	Basic Tutorial Beyer Piano 70	Beyer70
158	Basic Tutorial Beyer Piano 72	Beyer72
159	Basic Tutorial Beyer Piano 73	Beyer73
160	Basic Tutorial Beyer Piano 74	Beyer74

DEMO LIST

No.	Name	LCD Name
1	Demo	Demo
2	Bossa Nova	BosaNova
3	Fusion	Fusion
4	Jazz	Jazz
5	Funk	Funk
6	Ballad	Ballad
7	Modern R&B	ModrnR&B
8	Electric	Electric

ALBUM LIST

No.	Name	LCD Name
1	13 Jours En France	13France
2	A Lover's Concerto	Concerto
3	A Time For Us	Timeus
4	A Whiter Shade Of Pale	WhtShade
5	Adios	Adios
6	After You've Gone	U'veGone
7	Again	Again
8	Aqua De Beber	AquaBebr
9	Air For The G-String	G-String
10	All Alone Am I	AloneAml
11	All His Children	Children
12	All Shook Up	ShookUp
13	Aloha Oe	AlohaOe
14	Always In My Heart	MyHeart
15	Amapola	Amapola
16	Amazing Grace	AmzGrace
17	Amor	Amor
18	An Der Shonen Blauen Donau	Donau
19	Anastasia	Anastasi
20	Angel	Angel
21	Angustia	Angustia
22	Annie Laurie	AnnieLa
23	Are You Lonesome Tonight?	Lonesome
24	Arirang	Arirang
25	Around The World	AroWorld
26	Auf Flugeln Des Gesanges	Gesanges
27	Auld Lang Syne	LangSyne
28	Ave Maria	AveMaria
29	Bad Moon Rising	BadMoon
30	Battle Hymne Of The Republic	BatlHyme
31	Beautiful Dreamer	Dreamer
32	Besame Mucho	Besame
33	Beyond The Reef	BeyndRef
34	Bibbidi Bobbidi Boo	Bibbidi
35	Bittersweet Samba	Bitsweet
36	Blue Christmas	BlueXmas
37	Blue Tango	BluTango
38	Blueberry Hill	Blueberry
39	Born Free	BornFree
40	Brazil	Brazil
41	Breaking Up Is Hard To Do	BreakUp
42	Bridal March	Bridal
43	Bridge Over Troubled Water	Bridge
44	Bus Stop	BusStop
45	Buttons And Bows	BottnBow
46	Cachito	Cachito
47	Canadian Sunset	CaSunset
48	Can't Help Fallin' In Love	InLove
49	Carry Me Back tTo Old Virginny	Virginny
50	Chanson D'amour	Chanson
51	Chanson Du Toreador	Toreador
52	Charade	Charade
53	Chattanooga Shoe Shine Boy	ShoeBoy
54	Clelito Lindo	CleLindo
55	Close To You	CloseYou

56	Constantly	Constant
57	Cryin' In The Chapel	CryChapl
58	Dance Des Mirlitons	Mirliton
59	Danny Boy	DannyBoy
60	Dark Eyes	DarkEyes
61	Diana	Diana
62	Die Lorelei	Lorelei
63	Do Re Mi	DoReMi
64	Dominique	Dominiqu
65	Dream	Dream
66	Dream Tango	DremTngo
67	Ebb Tide	EbbTide
68	Edelweiss	Edelweis
69	El Bimbo	ElBimbo
70	El Condor Pasa	ElCondor
71	Eso Es El Amor	EsAmor
72	Esperanza	Esperanz
73	Etude Op.10 No.3	Etude3
74	Fascination	Fascina
75	Feelings	Feelings
76	Five Hundred Miles	500Miles
77	Five Minutes More	FiveMore
78	Fly Me To The Moon	FlyMoon
79	For Ever We Know	WeKnow
80	For The Good Times	GoodTime
81	Frohlicher Landmann	Landmann
82	Fruhlingsstimmen	Fruhling
83	Gavotte	Gavotte
84	Green Fields	Fields
85	Green Grass Of Home	GreenGrs
86	Greensleeves	Sleeves
87	Gwine To Run All Night	Gwine
88	Gypsy Moon	GypsMoom
89	Happy Birthday To You	Birthday
90	Harbour Light	Harbour
91	Harlem Nocturne	Harlem
92	Hasta Manana	HasMana
93	Heidenroslein	Heidenro
94	Her Bright Smile Haunts Me Still	HerSmile
95	Hernando's Hideaway	Hideaway
96	Hey Jude	HeyJude
97	Historia De Un Amor	Historia
98	Home On The Range	HomeRnge
99	Home Sweet Home	SwetHome
100	Hound Dog	HoundDog
101	How Deep Is Your Love	DeepLove
102	Hungarian Dances No.5	Hungaian
103	Hurry Sundown	Sundown
104	Hymne A L'amour	L'amour
105	I Don't Hurt Any More	HurtMore
106	I Kiss Your Little Hand Madame	kissyour
107	I Love You Much Too Much	LoveYou
108	I Need You Now	INeedYou
109	I Really Don't Want To Know	DontKnow
110	I Went To Your Wedding	UrWedding
111	If	If

ALBUM LIST

No.	Name	LCD Name		
112	If I Can Dream	IfDream		
113	If I Give My Heart To You	HeartYou		
114	In The Mood	InMood		
115	It's Almost Tomorrow	Tomorrow		
116	It's Been A Long Long Time	LongTime		
117	Jambalaya	Jambalay		
118	Jazz 'N' Samba	JazSamba		
119	Jeanie With The Light Brown Hair	Jeanie		
120	Jingle Bells	JingBell		
121	Johnny B. Goode	B.Goode		
122	Joy To The World	JoyWorld		
123	Jungle Drums	JungleDm		
124	Kaiser Walzer	Kaiser		
125	Keep Searchin'	Searchin		
126	Killing Me Softly With His Song	HisSong		
127	Kiss	Kiss		
128	Kiss Of Fire	KissFire		
129	La Chanson D'orphee	D'Orphee		
130	La Contessa Scalza	Scalza		
131	La Cucaracha	Cucarach		
132	La Donne Mobile	DoneMble		
133	La Mer	LaMer		
134	La Novia	LaNovia		
135	La Paloma	LaPaloma		
136	La Playa	LaPlaya		
137	La Ragazza Di Bube	Bube		
138	La Reine De Saba	Saba		
139	L'amour Est Blue	L'amour		
140	Lara's Theme From "Doctor Zhivago"	Zhivago		
141	Last Waltz	LastWltz		
142	Les Feuilles Mortes	Feuilles		
143	Let's Get Together	Together		
144	Little Brown Jug	BrownJug		
145	Long Long Ago	LongAgo		
146	Love Is A Many-Splendored Thing	SplndLov		
147	Love Me With All Your Heart	AllHeart		
148	Love Story	LovStory		
149	Lullaby Of Birdland	Birdland		
150	Mama Inez	Mamalnez		
151	Mambo No. 5	MamboNo5		
152	Mambo No. 8	MamboNo8		
153	March Militaire	Militair		
154	Maria Elena	MriaElna		
155	Maria My Own	Maria		
156	Massachusetts	Maschuse		
157	Menuet	Menuet		
158	Miami Beach Rumba	MamiRmba		
159	Misty	Misty		
160	Mockin'Bird Hill	BirdHill		
161	Moliendo Coffee	Coffee		
162	Moody River	ModyRivr		
163	Moon River	MoonRivr		
164	Moonlight Serenade	Moonlght		
165	More	More		
166	Moscow Nights	Moscow		
167	Moulin Rouge	MoulinRg		
168	Mr.Lonely	MrLonely		
169	My Bonnie	MyBonnie		
170	My Darling Clementine	Clemtine		
171	My Old Kentucky Home	Kentucky		
172	My Shawl	MyShawl		
173	My Way	MyWay		
174	Nature Boy	NaturBoy		
175	Never On Sunday	NeverSun		
176	New World	NewWorld		
177	Night Fall	NigtFall		
178	Nobody Knows The Trouble I've Seen	Nobody		
179	Noche De Tokyo	Tokyo		
180	Nocturne	Nocturne		
181	O Sole Mio	OSoleMio		
182	Oh Bury Me Not On The Lone Prairie	Prairie		
183	Oh! Carol	Oh!Carol		
184	Oh! Susanna	Susanna		
185	Oh! What A Beautiful Morning	OMorning		
186	Old Black Joe	BlackJoe		
187	Old Dog Tray	DogTray		
188	Old Folks At Home	OldFolks		
189	On A Little Bamboo Bridge	BambooBg		
190	On A Tropic Night	TrpicNgt		
191	On London Bridge	OnBridge		
192	On The Beach At Bali-Bali	BaliBali		
193	One Way Ticket To The Blues	OWTICKTS		
194	Only You	OnlyYou		
195	Over The Rainbow	Rainbow		
196	Over The Waves	OverWave		
197	Par Un Beau Matin D'ete	BeauMatn		
198	Patricia	Patricia		
199	Penelope	Penelope		
200	Perfidia	Perfidia		
201	Petite Fleur	Fleur		
202	Piacer D'amor	Piacer		
203	Pizzicato Polka	PizzPoka		
204	Pretend	Pretend		
205	Proud Mary	ProdMary		
206	Quien Sera	QuieSera		
207	Quizas Quizas Quizas	Quizas		
208	Raindrops Keep Fallin' On my head	Raindrop		
209	Ramona	Ramona		
210	Red River Valley	RedRiver		
211	Rhythm Of The Rain	RhymRain		
212	Rock around the clock	Rock		
213	Romance De L'amour	Romance		
214	Royal Garden Blues	RoyalBlu		
215	Sail Along Silv'ry Moon	SilyMoon		
216	Sailing	Sailing		
217	San Francisco	Francico		
218	Sans Toi Mamie	ToiMami		
219	Santa Claus Is Comin' To Town	SantClau		
220	Santa Lucia	SantaLuc		
221	Scarborough Fair	Scarboro		
222	Sealed With A Kiss	Sealed		

ALBUM LIST

No.	Name	LCD Name
223	Sentimental Journey	Journey
224	Serenade	Serenade
225	Serenata Rimpiant	Serenata
226	Siboney	Siboney
227	Silent Night	SltNight
228	Singin' In The rain	SingRain
229	Sleepy Lagoon	Lagoon
230	Sloop John B	JohnB
231	Smoke Gets In Your Eyes	SmokeEye
232	So Nice	SoNice
233	Solamente Una Ves	Salament
234	Somebody Bad Stole De Wedding Bell	StoleBel
235	Songs Of Spring	SngSprig
236	Speak Softly Love	SoftLove
237	ST. Louis Blues	ST.Louis
238	Stranger In Paradise	Paradise
239	Strangers In The Night	Stranger
240	Summer Holiday	Holiday
241	Summertime	Summer
242	Summertime In Venice	Venice
243	Sunrise Sunset	Sunrise
244	Superstar	Superstr
245	Sweet And Gentle	SwetGtle
246	Taboo	Taboo
247	Take Me Home Country Roads	CntyRoad
248	Tales Of Hoffman	Hoffman
249	Tammy	Tammy
250	Tango Notturno	TangoNot
251	Tennessee Waltz	Tennesse
252	The Blue-Bells Of Scotland	BlueBell
253	The Breeze And I	Breeze&I
254	The Dying Swan	DyingSwn
255	The End Of The World	EndWorld
256	The Exodus Song	Exodus
257	The Eyes Of Love	EyesLove
258	The Girl From Ipanema	Ipanema
259	The Great Pretender	Pretend
260	The House Of The Rising Sun	RiseSun
261	The Impossible Dream	ImDream
262	The Loco-Motion	TheLoco
263	The Longest Day	Longest
264	The Peanut Vendor	Vendor
265	The River Of No Return	NoReturn
266	The Shadow Of Your Smile	UrSmile
267	The Skaters Waltz	Skaters
268	The Sound Of Silence	Silence
269	The Wabash Cannon Ball	CannBall
270	The Way We Were	TheWay
271	This Land Is Your Land	YourLand
272	Those Were The Days	TheDays
273	Three Coins In The Fountain	Fountain
274	Tico-Tico	TicoTico
275	Tie A Yellow Ribbon'Round The Ole Oak Tree	YeRibbon
276	To Love Again	LovAgain

277	Toccata	Toccata
278	Tom Dooley	TomDoley
279	Tombe La Neige	LaNeige
280	Top Of The World	TopWorld
281	Toy Symphony	ToySymph
282	Traumerei	Traumere
283	Triumphal March	Trimphal
284	Tu Ne Sais Pas Aimer	TuAimer
285	Turkey In The Straw	TukyStaw
286	Un Buco Nella Sabbia	Sabbia
287	Una Lacrima Sul Viso	Lacrima
288	Unchained Melody	Melody
289	Valse Des Fleurs	Fleurs
290	Vaya Con Dios	VayaDios
291	Venus	Venus
292	Washington Square	Washnton
293	Waves Of The Danube	Danube
294	Wedding March	Wedding
295	When You And I Were Young Maggie	YoungMag
296	Where The Boys Are	WhereBoy
297	Whispering hope	Whisper
298	Wiegenlied	Wieglied
299	Wiegenlied 2	Wieglied2
300	Without You	WithoutU
301	Wonderland By Night	WonNight
302	Words	Words
303	Y.M.C.A.	Y.M.C.A.
304	Yellow Rose Of Texas	YellRose
305	Yesterday	Yestday
306	Yesterday Once More	OnceMore
307	You Always Hurt The One You Love	HurtLove
308	You Are My Sunshine	Sunshine
309	You Mean Everything To Me	MeanToMe
310	Your Love Is Mine	LoveMine

SPECIFICATION

Keys	61 Touch Sensitive
Polyphony	128 Note
Voices	653
Rhythm Styles	240
Songs	160
Dimensions	Height 133mm x Width 956mm x Depth 360mm
Weight	4kg
Power	12V DC/1000mA via 100-240V PSU (Included) or 6 x AA batteries (not included)
Inputs	Mic Input 1/4" Jack, Aux Input 1/4" Jack, 1/4"
Jack for Sustain Pedal	1/4" Jack (pedal not included)
Outputs	Audio Output/ Headphones 1/4" Jack, USB MIDI
Speakers	2 x 10W

KETTLESTRING LANE | YORK | YO30 4XF | UNITED KINGDOM
METALLVÄGEN 45A | 195 72 ROSERSBERG | STOCKHOLM | SVERIGE
LAHNSTRÄÙE 27 | 45478 MÜLHEIM AN DER RUHR | DEUTSCHLAND

If you have any more questions about this product, please do not hesitate to contact the Gear4music Customer Service Team on: **+44 (0) 330 365 4444** or **info@gear4music.com**