



ORBITER SERIES

USER MANUAL

EN 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. Do not place 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, table-cloths, curtains etc.

CZ VAROVÁNÍ!

Nezakrývejte. Uvnitř nejsou žádné součásti opravitelné uživatelem. S požadavkem na servis se obraťte na kvalifikované servisní oddělení. Neumísťujte produkt v blízkosti zdroje tepla, jako je radiátor, nebo na místo s přímým slunečním světlem, nadměrným prášením, 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. Zdravé zotavení otevřeného ohně, jako například svíčky, by neměly být umístěny na produkt. Umožněte dostatečnou cirkulaci vzduchu a vyhněte se obstrukci ventilátorů (pokud jsou přítomné) pro předěti interního přehřívání. Ventilace nesmí být narušena překrytím zařízení výrobky jako např.: noviny, kuchyňské utěrky, záclony apod.

DK DVARSEL!

Dækslet må ikke åbnes. Ingen bruger-udskiftelige dele inden. 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 stænk, og ingen genstande fyldt med væsker, f.eks. vaser, må anbringes på produktet. Må ikke placere nær åben ild, tændte stearinlys må ikke placeres på produktet. Vær sikker på at der er tilstrækkelig luftcirkulation og undgå at dække ventiler (hvis der er nogen) for at undgå at produktet bliver varmt. Ventilatoren må ikke blokeres med overdækning af apparatet med genstande som aviser, dug, gardiner osv.

NL 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 direct zonlicht of in een stofrijke omgeving, mechanische vibraties of schok. Plaats het product niet in de buurt van spatende 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 overhitting te voorkomen voor voldoende ventilatie en bellemmer ventilatorroosters niet. Bedek het product niet met dingen zoals kranten, tafellakens, gordijnen etc.

FI VAROITUS!

Älä avaa kansiä. Et sisällä käyttäjä-huoltolettavia osia. Huoltoon saa suositella vain päteviä huoltamies. Älä säilytä tuotetta mitään kuumaa lähellä kuten patteri tai suorassa auringonpaistessa, pölyisessä, mekaanisissa väristä tai iskussa. Tuotetta ei saa altistaa tippuville tai lioskeelle tai näennäistä sisältäviä tuotteita kuten maljakko eivät saa olla tuotteen lähetyillä. Ävotulia kuten sytytetty kynttilä ei saa olla tuotteen päällä. Sallii riittävä ilmankierto ja välttä tuuletusaukkojen tukkiminen (jos sellaisia on olemassa) estämään sisäisen lämmön muodostuminen. Tuuletusta ei saa estää peittämällä laite esineillä, kuten sanomalehdillä, pöytäliinoilla, verhoilla jne.

FR ATTENTION!

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, fort 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.

DE WARNUNG!

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. Öffene Feuerquellen wie Kerzen dürfen nicht auf dem Gerät abgestellt werden. Sorgen Sie für eine ausreichende Luftzirkulation und vermeiden Sie, dass die Lüftungsschlitze (falls vorhanden) abgedeckt werden, um einen internen Wärmestau zu verhindern. Die Belüftung darf nicht durch Abdecken des Gerätes mit Gegenständen wie Zeitungen, Tischdecken, Vorhängen usw. blockiert werden.

IT AVVERTIMENTO!

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, tovaglie, tende, ecc.

NO ADVARSEL!

Ikke åpne dekslet. 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 vibrasjon eller støt. Produktet må ikke utsettes for drypp eller spruting, 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 luft sirkulasjon og unngå å blokkere ventiler (hvis tilstede) for å forhindre intern varmeoppsamling. Pass på at ventilasjon ikke hindres ved å unngå å dekke apparatet med ting som aviser, bordduker, gardiner osv.

PL OSTRZEŻENIE!

Nie otwierać pokryw. W środku nie są części nadających się do naprawy przez użytkownika. Prosimy pozostawić serwis dla wyszkolonego personelu. Nie umieszczaj produktu w pobliżu źródła ciepła, np. grzejnika, lub w bezpośrednim świetle słonecznym, kurzu, czy mechanicznym wibracjom. Produkt nie może być ekspozowany na kapanie lub chłapanie, a przedmioty wypełnione płynem, takie jak wazy, nie powinny być na nim umieszczane. Źródła otwartego ognia, takie jak np. świece, nie powinny być umieszczane na produkcie. Należy zapewnić odpowiednią wentylację i unikać blokowania otworów wentylacyjnych, aby uniknąć wzrostu temperatury. Wentylacja nie powinna być utrudniana poprzez nakrywanie urządzenia gazetami, obrusami czy zasłonami.

PT ATENÇÃO!

Não abra a tampa. Não tente a reparação do instrumento por si. Dirija-se a 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. Mantenha o produto num espaço suficientemente arejado de forma a evitar sobre-aquecimento. Não bloqueie a ventilação do instrumento, cobrindo-o com artigos como cortinas, toalhas de mesa ou jornais

SK VÝSTRAHA!

Neotvárať 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 žiarením, nadmerným prášnym prostredím, mechanickým vibráciám alebo šokom. Produkt nesmie prísť do kontaktu s vodou a žiadny objekt naplnený vodou, ako napr. váza, nesmie byť umiestnený na produkte. Žiadne výrobky s otvoreným ohňom, ako napr. sviečky, by nemali byť umiestnené na produkte. Umožnite dostatočnú cirkuláciu vzduchu a zabráňte obštrukcii ventilačných otvorov (ak sú prítomné) kvôli prevencii vnútorného prehrievania. Ventilácia nesmie byť narušená prekrytím zariadenia výrobkami ako napr. noviny, kuchynské utierky, záclony a pod.

SI OPOZORILO!

Ne odpirajte pokrova. V notranjosti ni nobenih delov, ki jih uporabnik lahko sam popravlja. Popravilo prepustite usposobljenemu osebju. Ne postavljajte izdelka na lokacijo v bližini vira toplote, kot je radiator, ali na območje, ki je izpostavljeno neposredni sončni svetlobi, pretrganem prahu, mehanskim tresljajem ali udarcem. Izdelek ne sme biti izpostavljen kapljanju ali brizganju in nobeni predmeti, napolnjeni z tekočino, kot so vaze, se ne smejo postaviti na izdelek. Nobenega od virov odprtega ognja, kot so vzgane sveče, se ne sme postavljati na izdelek. Zagotovite zadostno kroženje zraka in umaknite ovire na odprtinah (če obstajajo), zaradi preprečevanja kopičenja notranje toplote. Ventilacijo se ne sme ovirati s prekrivanjem naprave s predmeti, kot so časopisi, prti, zavese itn.

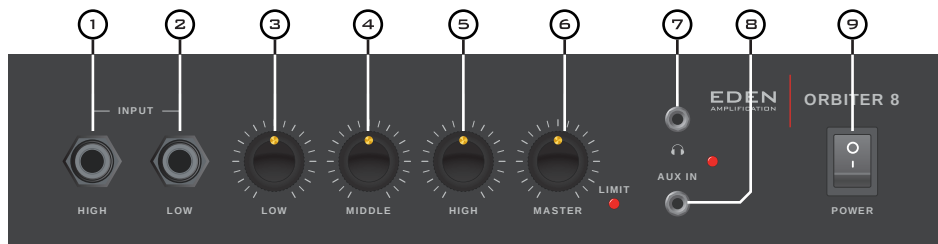
ES ¡ADVERTENCIA!

No abra la tapa. No intente reparar el aparato usted mismo. Lévelo 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.

SE WARNING!

Öppna ej locket. Inga användarvänliga delar inuti. För reparation 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 luftcirkulation och blockera ej eventuella ventiler för att undvika intern överhettning. Ventilen bör ej täckas av föremål såsom tidningar, dukar, gardiner etc.

ORBITER 8: FUNCTIONS



1. High Input

For connecting an active bass guitar (with internal battery) to the amplifier via a 6.5mm TS or TRS jack cable.

2. Low Input

For connecting a passive bass guitar (with internal battery) to the amplifier via a 6.5mm TS or TRS jack cable.

3. Low

Controls the low frequencies of the amplifier.

4. Middle

Controls the mid-range frequencies of the amplifier.

5. High

Controls the treble frequencies of the amplifier.

6. Master

Adjusts the overall output of the amplifier, either via the internal speaker or the headphones output.

7. Headphones

Headphone output for the amplifier via a TRS 3.5mm jack cable.

8. Aux In

Use this to receive connection from MP3 player, CD player, drum machine, etc.

9. Power

Turns the amplifier off or on. Note - when the amplifier is switched on, the LED light to the left of the power switch will light up.

10. Fuse

Protects your amplifier from power surges. Always replace with the correct value fuse as stated on the back of the amplifier

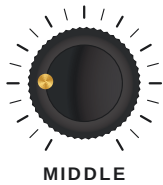
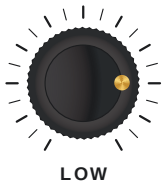
11. AC Input

For connecting your power cable. Only use the cable provided with the unit.

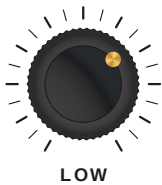


RECOMMENDED SETTINGS

Heavy



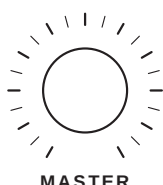
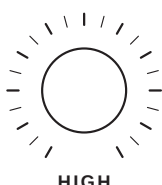
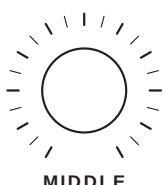
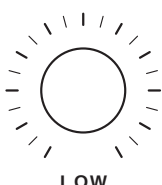
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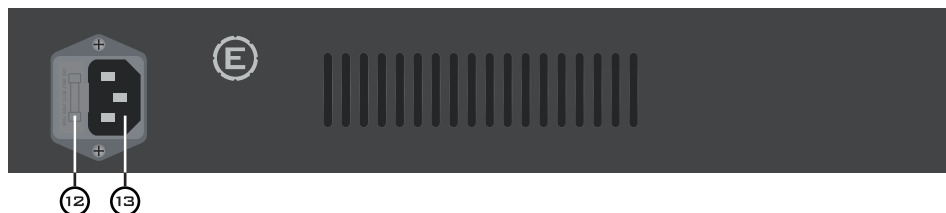
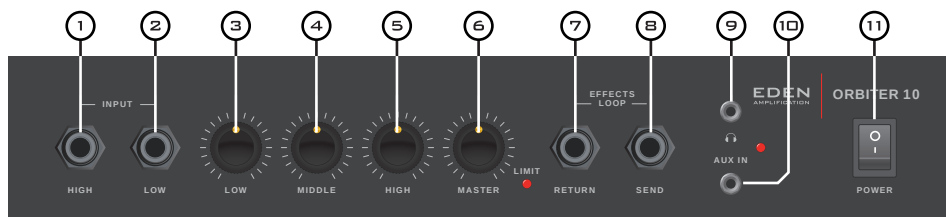
Vintage



Custom



ORBITER 10: FUNCTIONS



1. High Input

For connecting an active bass guitar (with internal battery) to the amplifier via a 6.5mm TS or TRS jack cable.

2. Low Input

For connecting a passive bass guitar (with internal battery) to the amplifier via a 6.5mm TS or TRS jack cable.

3. Low

Controls the low frequencies of the amplifier.

4. Middle

Controls the mid-range frequencies of the amplifier.

5. High

Controls the treble frequencies of the amplifier.

6. Master

Adjusts the overall output of the amplifier, either via the internal speaker or the headphones output.

7. Return

Connects to the output of an effects unit via a 6.5mm TS or TRS jack cable.

8. Send

Connects to the input of an effects unit via a 6.5mm TS or TRS jack cable.

9. Aux In

Use this to receive connection from MP3 player, CD player, drum machine, etc.

10. Headphones

Headphone output for the amplifier via a TRS 3.5mm jack cable.

11. Power

Turns the amplifier off or on. Note - when the amplifier is switched on, the LED light to the left of the power switch will light up.

12. Fuse

Protects your amplifier from power surges. Always replace with the correct value fuse as stated on the back of the amplifier.

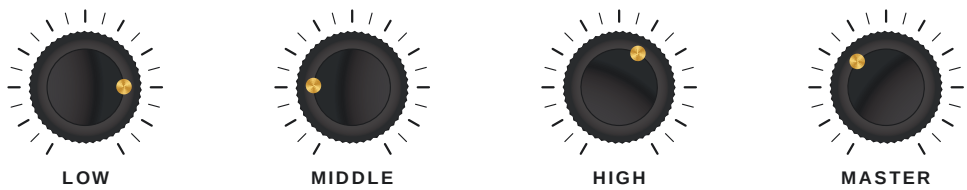
13. AC Input

For connecting your power cable. Only use the cable provided with the unit.

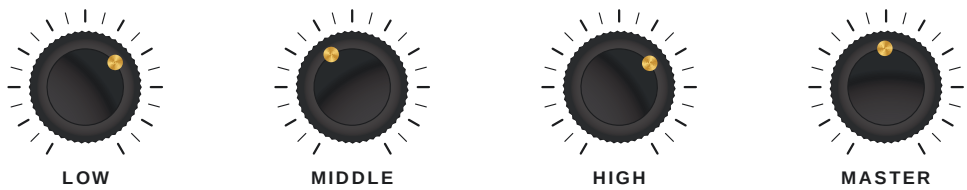


RECOMMENDED SETTINGS

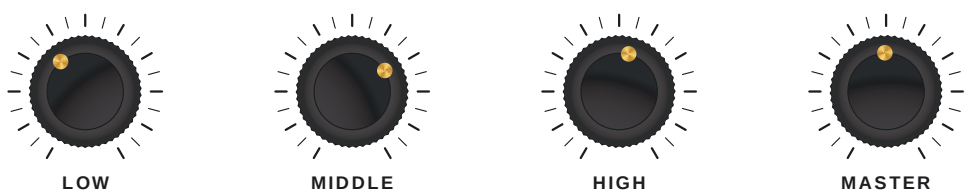
Heavy



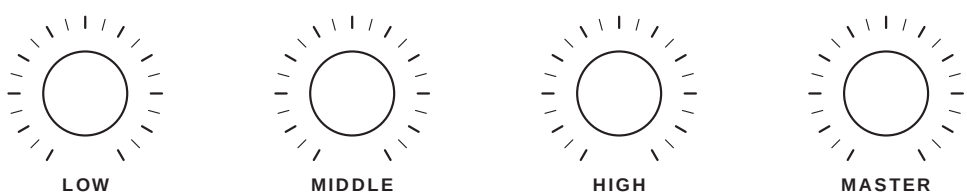
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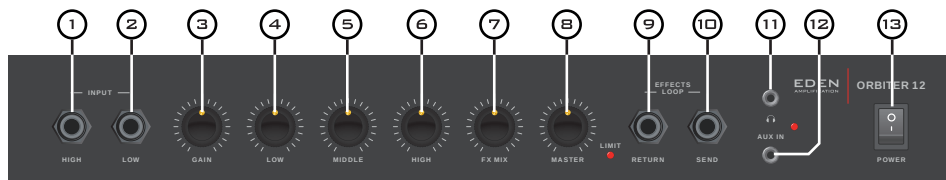
Vintage



Custom



ORBITER 12: FUNCTIONS



1. High Input

For connecting an active bass guitar (with internal battery) to the amplifier via a 6.5mm TS or TRS jack cable.

2. Low Input

For connecting a passive bass guitar (with internal battery) to the amplifier via a 6.5mm TS or TRS jack cable.

3. Gain

Adjusts the input volume to the amp.

4. Low

Controls the low frequencies of the amplifier.

5. Middle

Controls the mid-range frequencies of the amplifier.

6. High

Controls the treble frequencies of the amplifier.

7. FX Mix

Controls the amount of signal coming from the effects against the dry signal coming from the guitar input.

8. Master

Adjusts the overall output of the amplifier, either via the internal speaker or the headphones output.

9. Return

Connects to the output of an effects unit via a 6.5mm TS or TRS jack cable.

10. Send

Connects to the input of an effects unit via a 6.5mm TS or TRS jack cable.

11. Aux In

Use this to receive connection from MP3 player, CD player, drum machine, etc.

12. Headphones

Headphone output for the amplifier via a TRS 3.5mm jack cable.

13. Power

Turns the amplifier off or on. Note - when the amplifier is switched on, the LED light to the left of the power switch will light up.

14. Fuse

Protects your amplifier from power surges. Always replace with the correct value fuse as stated on the back of the amplifier.

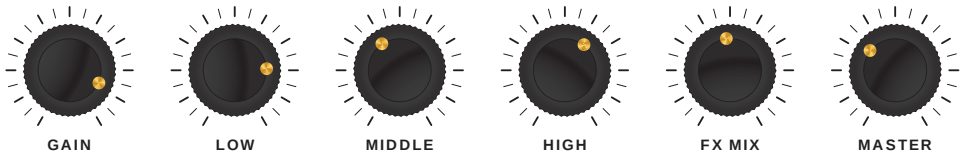
15. AC Input

For connecting your power cable. Only use the cable provided with the unit.

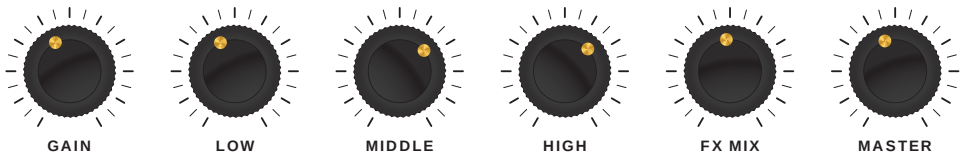


RECOMMENDED SETTINGS

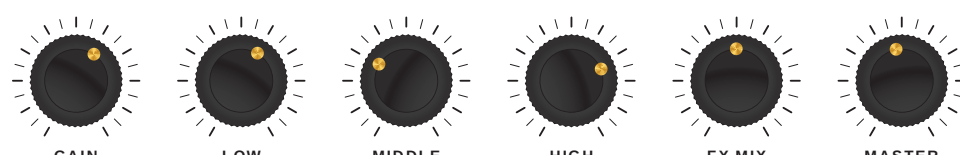
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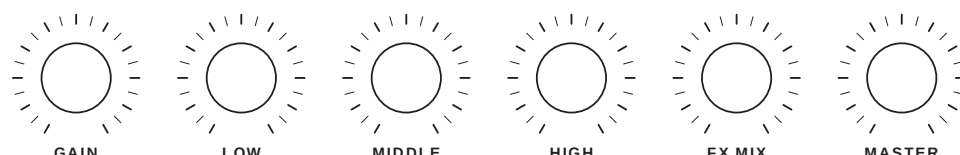
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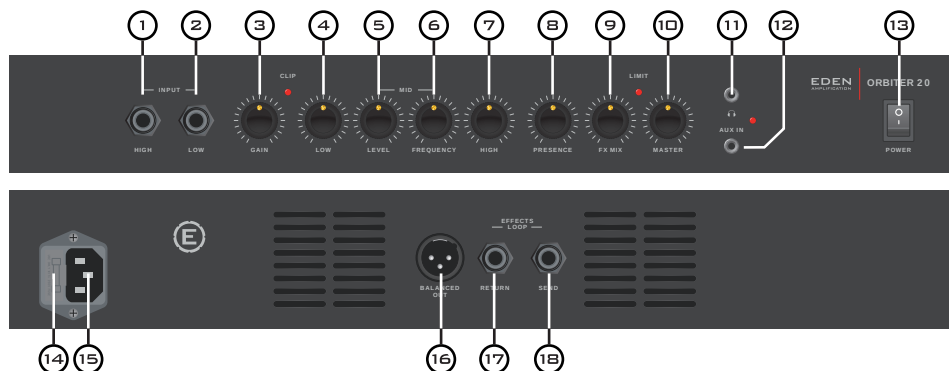
Vintage



Custom



ORBITER 15: FUNCTIONS



1. High Input

For connecting an active bass guitar (with internal battery) to the amplifier via a 6.5mm TS or TRS jack cable.

2. Low Input

For connecting a passive bass guitar (with internal battery) to the amplifier via a 6.5mm TS or TRS jack cable.

3. Gain

Adjusts the input volume to the amp.

4. Low

Controls the low frequencies of the amplifier.

5. MID Level

Control the middle frequencies of you sound.

6. MID Frequency

Use this Control to adjust the frequencies of middle range (200Hz-800Hz).

7. High

Controls the treble frequencies of the amplifier.

8. Presence

Use this control to apply a shelved high frequency boost that affects frequencies above the range of the high control.

9. FX Mix

Controls the amount of FX signal coming from the effects loop against the dry signal coming from the guitar input.

10. Master

Adjusts the overall output of the amplifier, either via the internal speaker or the headphones output.

11. Aux In

Use this to receive connection from MP3 player, CD player, drum machine, etc.

12. Headphones

Headphone output for the amplifier via a TRS 3.5mm jack cable.

13. Power

Turns the amplifier off or on. Note - when the amplifier is switched on, the LED light to the left of the power switch will light up.

14. Fuse

Protects your amplifier from power surges. Always replace with the correct value fuse as stated on the back of the amplifier.

15. AC Input

For connecting your power cable. Only use the cable provided with the unit.

16. Balanced Out

Balanced output for mixer or recording device.

17. Return

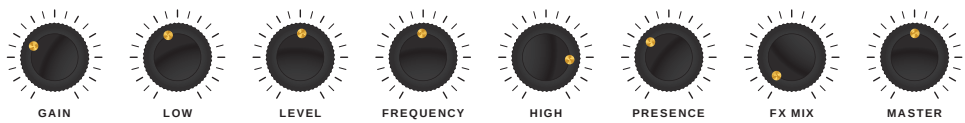
Connects to the output of an effects unit via a 6.5mm TS or TRS jack cable.

18. Send

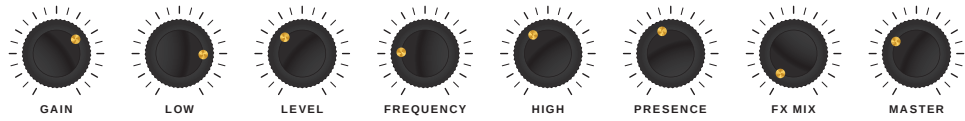
Connects to the input of an effects unit via a 6.5mm TS or TRS jack cable.

RECOMMENDED SETTINGS

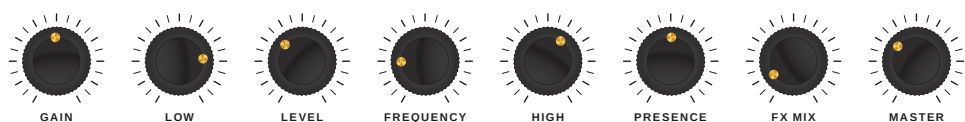
Heavy



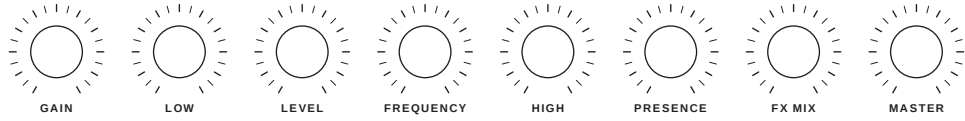
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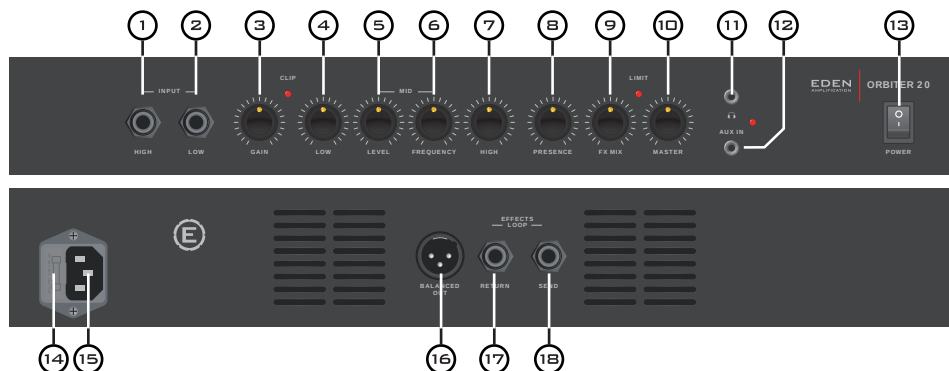
Vintage



Custom



ORBITER 20: FUNCTIONS



1. High Input

For connecting an active bass guitar (with internal battery) to the amplifier via a 6.5mm TS or TRS jack cable.

2. Low Input

For connecting a passive bass guitar (with internal battery) to the amplifier via a 6.5mm TS or TRS jack cable.

3. Gain

Adjusts the input volume to the amp.

4. Low

Controls the low frequencies of the amplifier.

5. MID Level

Control the middle frequencies of you sound.

6. MID Frequency

Use this Control to adjust the frequencies of middle range (200Hz-800Hz).

7. High

Controls the treble frequencies of the amplifier.

8. Presence

Use this control to apply a shelved high frequency boost that affects frequencies above the range of the high control.

9. FX Mix

Controls the amount of FX signal coming from the effects loop against the dry signal coming from the guitar input.

10. Master

Adjusts the overall output of the amplifier, either via the internal speaker or the headphones output.

11. Aux In

Use this to receive connection from MP3 player, CD player, drum machine, etc.

12. Headphones

Headphone output for the amplifier via a TRS 3.5mm jack cable.

13. Power

Turns the amplifier off or on. Note - when the amplifier is switched on, the LED light to the left of the power switch will light up.

14. Fuse

Protects your amplifier from power surges. Always replace with the correct value fuse as stated on the back of the amplifier.

15. AC Input

For connecting your power cable. Only use the cable provided with the unit.

16. Balanced Out

Balanced output for mixer or recording device.

17. Return

Connects to the output of an effects unit via a 6.5mm TS or TRS jack cable.

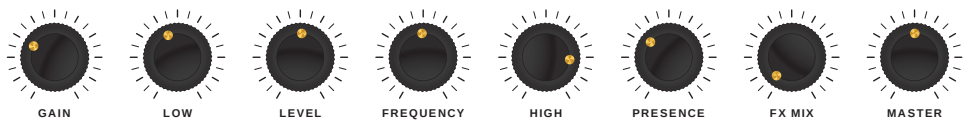
18. Send

Connects to the input of an effects unit via a 6.5mm TS or TRS jack cable.

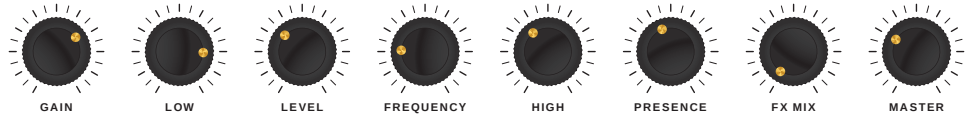


RECOMMENDED SETTINGS

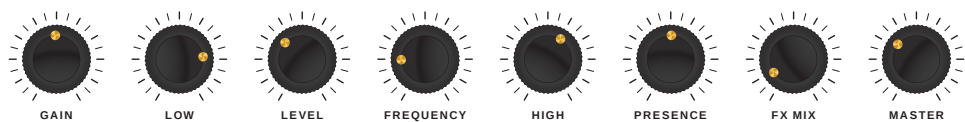
Heavy



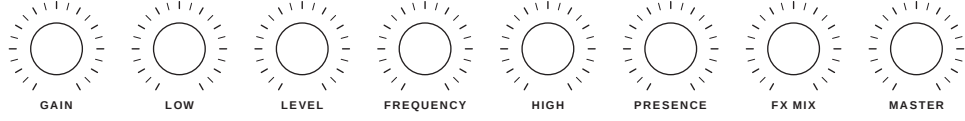
Enhanced



Vintage



Custom



SPECIFICATIONS

ORBITER 8

Speaker	8"
Fuse	250V, 0.5AL
Input Power	220-240VAC, 50/60Hz
Output Power	20W Max
Input	3.5mm Aux
Headphone	3.5mm Output
Output	Balanced
Size (mm)	300 x 350 x 280mm
Weight	8kg

ORBITER 10

Speaker	10"
Fuse	250V, 0.5AL
Input Power	220-240VAC, 50/60Hz
Output Power	40W Max
Input	3.5mm Aux
Headphone	3.5mm Output
Output	Balanced
Size (mm)	350 x 400 x 260mm
Weight	11kg

ORBITER 12

Speaker	12"
Fuse	250V, 1AL
Input Power	220-240VAC, 50/60Hz
Output Power	80W Max
Input	3.5mm Aux
Headphone	3.5mm Output
Output	Balanced
Size (mm)	435 x 504 x 310mm
Weight	16kg

ORBITER 15

Speaker	15"
Fuse	250V, 2AL
Input Power	220-240VAC, 50/60Hz
Output Power	120W Max
Input	3.5mm Aux
Headphone	3.5mm Output
Output	Balanced
Size (mm)	500 x 564 x 350mm
Weight	23kg



ORBITER 20

Speaker	2 x 10"
Fuse	250V, 0.5AL
Input Power	220-240VAC, 50/60Hz
Output Power	100W Max
Input	3.5mm Aux
Headphone	3.5mm Output
Output	Balanced
Size (mm)	480 x 620 x 350mm
Weight	23kg



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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