

hardware

CM-15 is the worlds first ultraportable, battery powered, large-

usb-c. mini jack line out, and

and a usb-c cable.

phantom powered mini xlr. it is

diaphragm condenser microphone, with simultaneous audio output over

encased in anodized aluminum, with

custom capsule suspensions and an

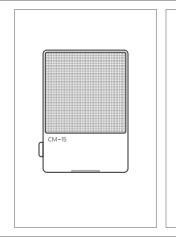
embedded table stand, your CM-15

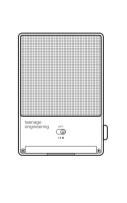
comes with a \(\frac{1}{4} - \frac{3}{6} \) inch threaded

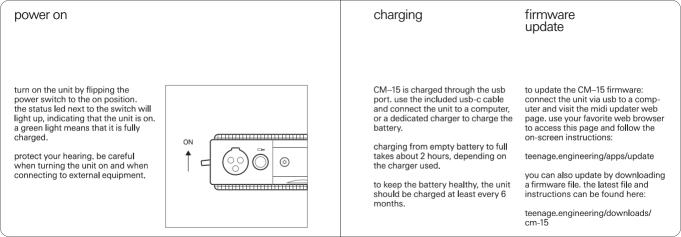
stand adapter, a mini xIr to xIr cable

CM-15 highlights:

- 1-inch large-diaphragm capsule
- 48 V phantom power compatible pseudo-balanced mini xlr output
- · dual mono mini jack line output
- usb-c class compliant device with high performance SABRE ADC • OPA 140 JFET amplifier stage with ultra low distortion and extremely high input impedance
- 10 hour rechargeable battery • flexible power system
- ±18 dB pad / gain switch
- embedded table stand







powering		status led			
that makes it useful in many different scenarios. it can be powered by three different sources, one at a time or simultaneously, and it automatically handles the power priority.	CM–15 can be powered by: • 48 V phantom power • usb type c • internal battery note: CM–15 handles all power switching automatically.	 green solid: the power is on and the battery is charged. pulsating: the battery is fully charged. 	 orange solid: the power is on and the battery is getting low. pulsating: the battery is charging. 	• red flashing: low battery! time to charge.	note: the full battery life is approximately 10 hours.

built-in stand

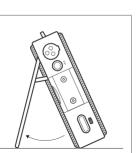
tripod adapter

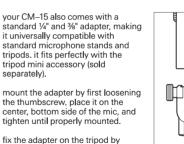
simply screwing it on clockwise.

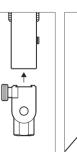
CM-15 has a built-in table stand that can be used to rest and angle

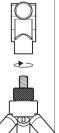
that can be used to rest and angle the microphone on a surface.

for the best possible recording quality, make sure to avoid any unwanted surface vibrations when recording this way.









outputs outputs CM-15 field mic features three audio outputs that can be used individually or in any simultaneous combination. the three outputs are located on the CM-15 _____ bottom of the unit: the mini xlr, 3.5 mm mini jack and usb-c, this means there are two analog outputs, each (0) with its own advantage for use. the usb-c port can be used as a digital audio interface, as well as for firmware updates and for charging mini usb-c the internal battery. iack

connections

mini xlr the compact size mini xlr output

3 mA, in phantom-power operation

the status led is green.

gives you the highest quality recordings and is intended to be used with your recording console, preamp or audio interface, use the included mini xlr to xlr cable, and apply 48 volt phantom power. the power consumption is around

mini jack

the mini jack output is meant to be used in portable battery powered scenarios, such as with TX-6, OB-4 or a camera mic input.

it is a line level output and it features a dual mono signal, meaning the signal is identical for both tip and ring, use a stereo cable for stereo

inputs, or a stereo to dual mono splitter for mono inputs. note: do not apply phantom power to the mini jack.

usb-c

CM-15 is a usb class compliant audio device. when connecting it to

interface.

a usb host device, such as a laptop or OP-1 field, it will show up as a 1-input audio interface, as long as

when connected while turned off.

battery and it won't show up as an

the device is only charging the

the unit is turned on.

• 48 kHz

• 44.1 kHz

computer.

the available audio rates are:

• 88.2 kHz

• 96 kHz

when in usb mode, an additional

±12 dB digital gain is applicable from the usb interface settings in your

start

are ready to record.

mode.

CM-15 is designed to be easy to use.

use the tripod adapter or the built in stand to set it up, connect any cable needed for your application and you

right to gain +18 dB, this is analog

gain that applies to all the outputs.

without SNR degradation, additional

±12 dB are available digitally in usb

pad / gain switch

-18 dB 0 db





the only setting on the microphone itself is the pad / gain switch, adjust it based on the sound source, move the switch left to pad -18 dB, and

move the switch to the far left

-18 dB.

the pad / gain switch has three settings: -18 dB. 0 dB and +18 dB

position to pad

+18 dB



move the switch to the far right

+18 dB gain.

position to apply

gain set to +18 dB

gain set to -18 dB

gain set to 0

current power

source

quide conventions

(

these following icons are shown in the

scenario section, as a recommended

setting for each individual set-up.

()

(P)









scenarios

as with all teenage engineering

switch accordingly based on the

sound source.

products, CM-15 has been

CM-15 features an acoustically transparent fine mesh to protect the capsule, however, do not abuse the

such as podcasts and singing.

outdoor use.

a windscreen is recommended for

developed with portability and compatibility in mind. capsule by blowing directly on the front or back of the microphone. while it is best used in a controlled studio setting, the following pages slightly angling the mic away from illustrate a variety of ways in which your mouth, or a high pressure CM-15 can be put to use. sound source, will give a natural pop filter effect, an external pop filter is recommended for voice recordings. make sure to adjust the pad / gain

CM-15 is perfect for studio use.



including your

drum kit.

studio

recordina



interview /

podcast



field

work



camera

mic

it is great for interviews, video both in the vocal conferences and booth and for podcasts, where it's easy to travel you need the with, the 10 hour instruments.

highest audio

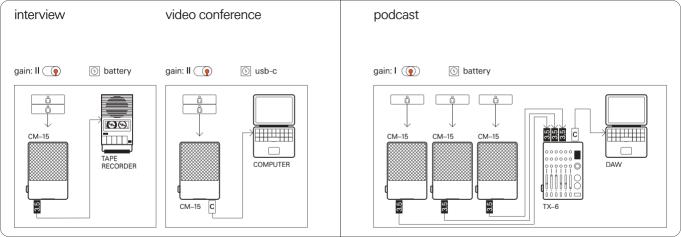
quality.

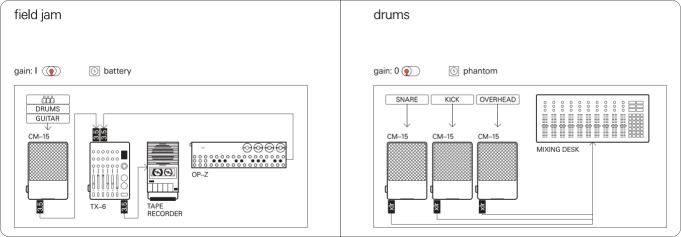


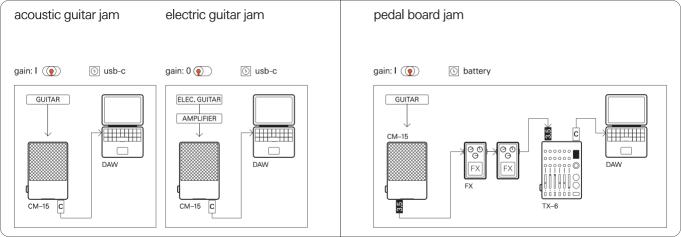
battery life comes

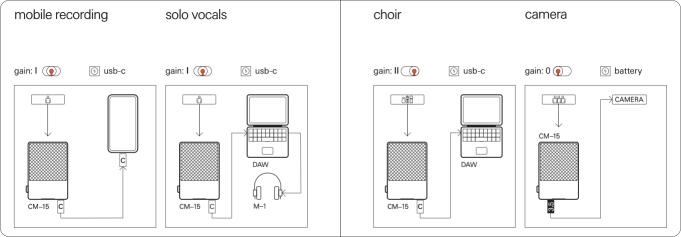
in handy.

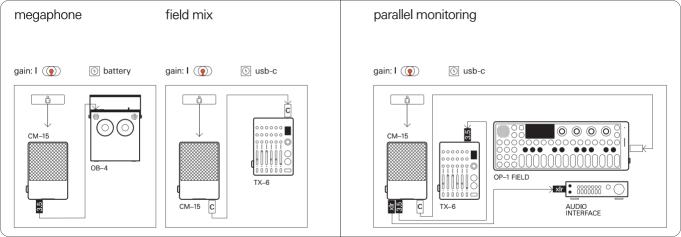
when filming with a video camera, vou can plug in CM-15 to record the audio directly.











mounting options

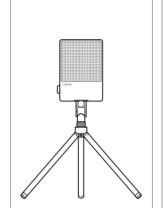
mic, we have developed a stand: tripod mini. tripod mini measures 184 mm in height, unfolded, with the adapter mounted, and 146 mm when

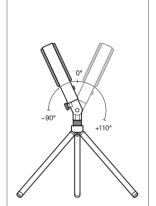
standing, the mic is easily mounted with the included adapter, the adapter helps you tilt the unit in the angle you prefer, 90° frontwards and 110° backwards, the angle makes it possible for the mic to be mounted on a boom arm or to tilt it to better

record overheads.

to get the most out of your CM-15

adjust the angle by rotating the center screw on the tripod. tighten or loosen the mount with the thumb screw on the adapter.





technical specifications

- 1-inch large-diaphragm capsule
 - 48 V phantom power compatible • pseudo-balanced mini xlr output
 - · dual mono mini jack line output usb-c class compliant device
 - with high performance SABRE ADC usb audio class 1
 - 10 hour rechargeable battery
 - ±18 dB pad / gain switch • dimensions: 90 x 65 x 22 mm
 - 300 Ohm • weight: 132 a / 4.6 oz • polar pattern: supercardioid polarity:

characteristics

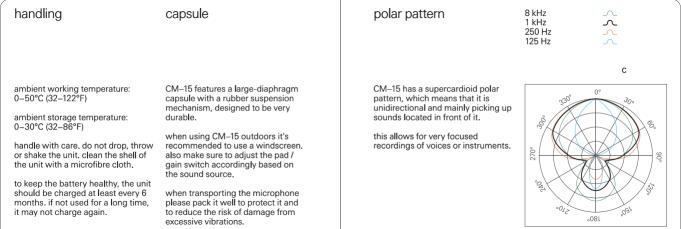
 self noise: 14 dBA

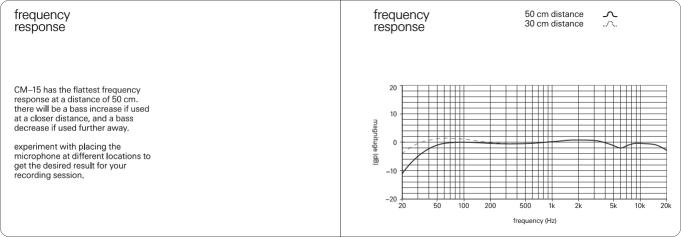
audio

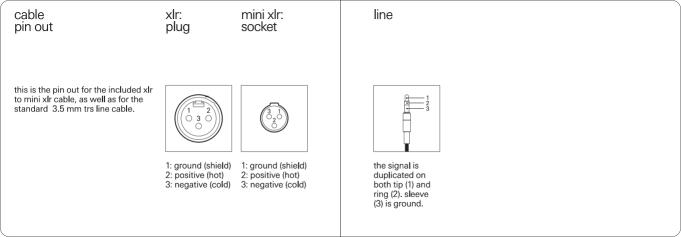
max SPL for 0.5% THD: 138 dB usb SNR dBA FS:

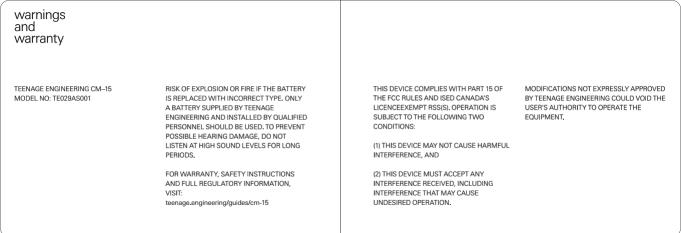
120 dB • impedance xlr: 600 Ohm. pseudo-balanced • impedance line:

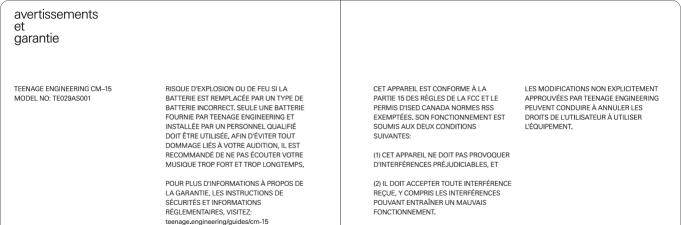
positive











CAUTION DO NOT TRY TO CHARGE OR USE A UNIT LEAVING A BATTERY IN AN EXTREMELY HIGH WITH A SEEMINGLY DAMAGED BATTERY. TEMPERATURE SURROUNDING CROSSED-OUT WHEELIE BIN SYMBOL MUST ENVIRONMENT THAT CAN RESULT IN AN ONLY A BATTERY SUPPLIED BY TEENAGE EXPLOSION OR THE LEAKAGE OF NOT BE DISPOSED OF WITH NORMAL ENGINEERING INSTALLED BY QUALIFIED FLAMMARI E LIQUID OR GAS HOUSEHOLD WASTAGE, IT MUST BE PERSONNEL SHOULD BE USED. COLLECTED AND DISPOSED OF SEPARATELY TO PREVENT POSSIBLE HEARING DAMAGE. TO PROTECT THE ENVIRONMENT. THIS DISPOSAL OF A BATTERY INTO FIRE OR A DO NOT LISTEN AT HIGH SOUND LEVELS FOR PRODUCT CONTAINS A BUILT IN LLION HOT OVEN, OR MECHANICALLY CRUSHING LONG PERIODS. BATTERY. OR CUTTING OF A BATTERY CAN BESULT IN AN EXPLOSION. STORE SMALL PARTS OUT OF THE REACH OF CHILDREN AND INFANTS, IF ACCIDENTALLY SWALLOWED, CONTACT AN EMERGENCY MEDICINE DOCTOR IMMEDIATELY

RECYCLING.

ELECTRICAL AND ELECTRONIC FOUIPMENT. PARTS AND BATTERIES MARKED WITH THIS







