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Electro-Voice „EVERSE 12“

Maximum power and endurance



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TEST FROM EVENT ROOKIE 3/24

Maximum power and endurance

According to the manufacturer, the **EVERSE 12** from Electro-Voice is designed to deliver professional sound anywhere, even without an AC power socket. It is designed for

musicians, DJs, and voice applications who require professional sound. The advantages of a battery-powered speaker are obvious: it avoids long cable runs to the nearest AC power outlet and

can be used anywhere. It doesn't matter whether it's a PA for a party, a voice application, or a gig on the beach. While the market for Bluetooth speakers is now flooded with models, the situation for professional devices, which are also suitable for musicians and DJs, is still relatively clear-cut. With the EVERSE 8, Electro-Voice had already launched a portable speaker that is also very interesting for professional users due to its sound performance and connectivity options. With the EVERSE 12, the American manufacturer has now added a big brother to the EVERSE 8, which seems to be particularly well equipped for live performances.

**400 watts and
126 dB SPL**

According to the manufacturer, the EVERSE 12 is equipped with a 12-inch woofer and a 1-inch tweeter, delivering up to 5 dB more SPL compared to the smaller model. It also offers an extended low frequency range. However, we can already reveal that the sound within the entire frequency range benefits

EVERSE 12

Product description:

Battery-powered loudspeaker

Special features:

Power: 400 watts (peak)

Sound pressure level: 126 dB (max SPL)

Dimensions + weight:

35 x 60 x 35 cm

14 kg

Link:

www.electrovoice.com





Various DSP settings can be accessed quickly via the display

from the higher output, which is not at the expense of the battery life that reliably performs its duties lasting up to twelve hours. To replace the battery, simply loosen two finger tab screws on the underside of the speaker. The total output is specified as 400 watts and

a sound pressure level of 126 dB. The settings can be made and the volume adjusted using a single knob encoder via an LCD display on the back. This includes the level indicators for the channels, the overall volume, and the battery status. In the DSP menu, basic sound

settings can be edited that can be selected in the form of presets. Both the 400-watt power amplifier module and the DSP section come from the sibling brand Dynacord and were all developed in Germany. »



The EVERSE 8 and EVERSE 12 models do not differ from each other regarding connections, but they do vary in size

Test : Electro-Voice „EVERSE 12“

The first step is a direct test with a connected sound source via the „Stereo In“ input, which is designed as a mini jack. Alternatively, you can also use the wireless streaming option, which we will look at in more detail later. Even at half volume, the EVERSE 12 shows that we're not just dealing with „another party speaker.“ The sound of the EVERSE 12 is pleasantly balanced and feels authentic. Even the first test run shows that one or two EVERSE 12 speakers are sufficient to providing enough sound for an outdoor garden party. A subwoofer can also be added to the combination without a problem. Simultaneous use with other portable Electro-Voice systems is extremely simple. If they are compatible for use with the Electro-Voice „QuickSmart Mobile App,“ various devices can be combined and controlled via presets. All you need to do is install the free app



You can conveniently configure the loudspeaker settings via the app

on your smartphone or tablet. Pairing via Bluetooth not only makes it possible to combine different speakers, but also provides access to key sound parameters to match speakers to a room or to

each other. The app also includes a digital mixer with effects.

Setting options via app

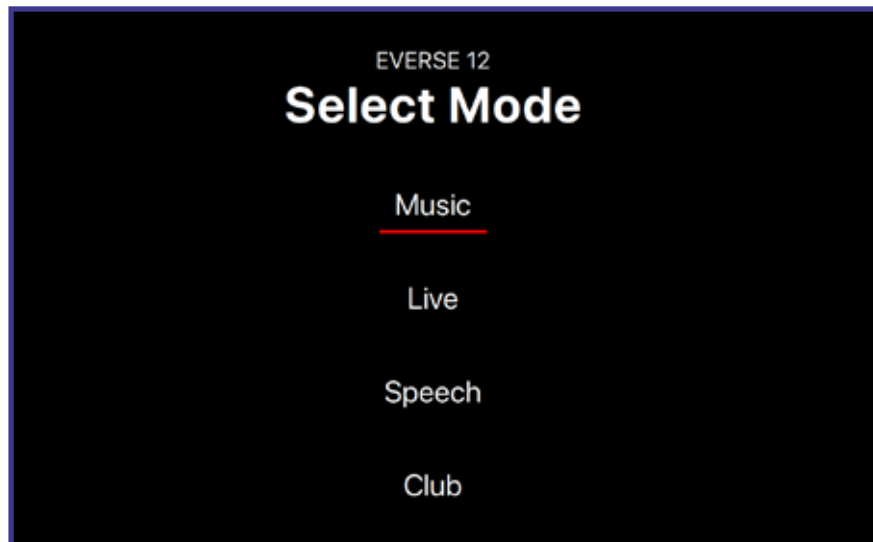
A weatherproof plastic lid for the connection panel is included to protect the electrics during streaming operation. A water-repellent protective cover is also available as an accessory. However, this only enables streaming operation when no cables are connected. In streaming mode, the signal can be sent to two speakers simultaneously via Bluetooth to create a true stereo sound. Let's take a look at a scenario for live music. For this purpose, a microphone and an acoustic guitar with pickup system are connected to the two combination input sockets (jack/XLR). In addition to the BASIC setting, MIXER mode can be activated in the app. As well as a 3-band equalizer, a compressor, ducker, and other effects are also available. A 48-volt phantom power supply is also included, which facilitates the use of active DI boxes or condenser microphones, for example. This means that the device is well-equipped for a very good sound performance even on the road. Ideally, it should be positioned on a tripod, but can also be placed sideways or upright in kickback position for a better coverage angle. Feedback protection can also be activated, which



The EVERSE 12 can also be positioned at a kickback angle to project upwards

works with 12-band feedback suppression for channel 1 and 2 (AFS).

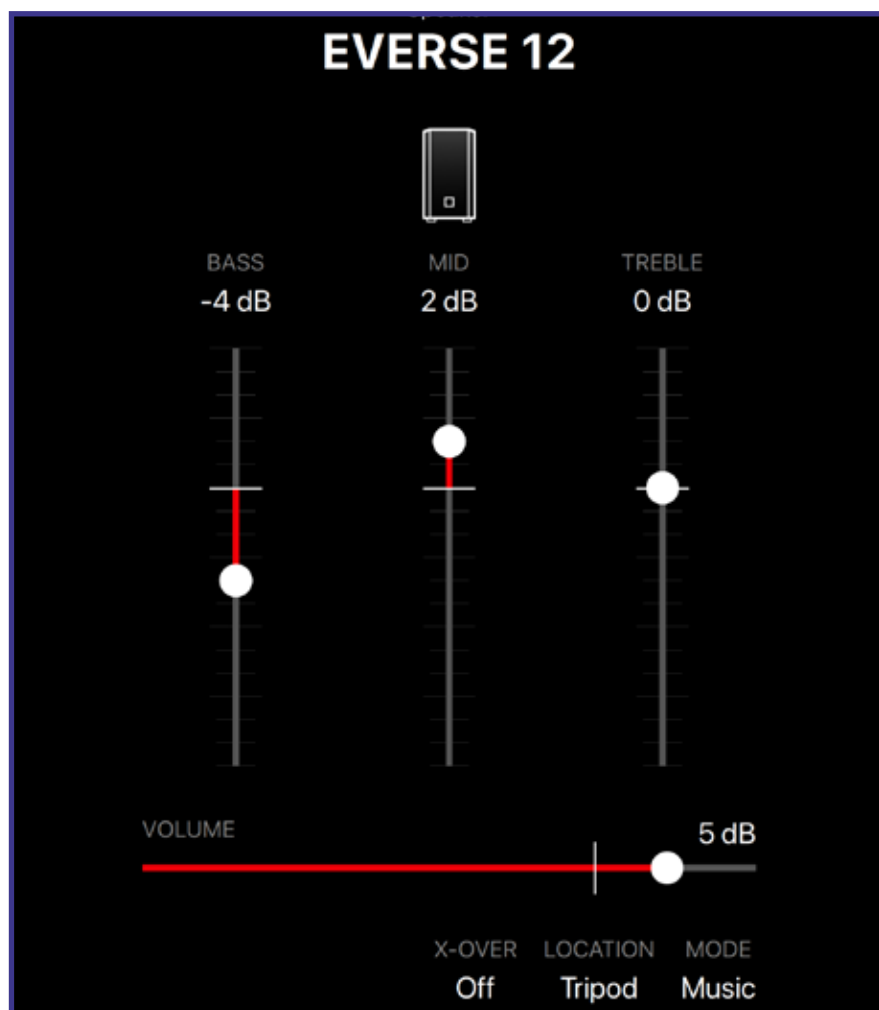
The mixing app does it all. The equalizer starts to engage where you expect it to. By increasing the high frequencies, the voice gets a bit more assertiveness. When using acoustic guitars, a parametric mid-range control to precisely tune the frequency might have been helpful. Piezos often deliver critical frequencies, by lowering these the sound can be significantly improved. However, a good pickup also reproduces pleasant sound, even with the available means. The sound of the EVERSE 12 remains transparent and natural. There is also no need to change much in the frequency range for vocals, as the basic sound is already great. The app even includes a compressor for both channels. Although there is only one controller available, it performs a



Different operating modes can also be selected in the app

good and above all discreet duty for all common applications. The effects are of studio quality, sound convincing, and can also be combined with each other, for example to add reverb and echo to

the vocal channel at the same time. The ducker is helpful for announcements with background music so that you don't have to constantly have one hand near the controls. A wireless microphone can be used without any problems. An on-board power supply is available to connect the mic receiver. A mobile device can also be charged at the back via the USB-C port. So everything has been thought of to power all components independently. ✕



You can make small adjustments by using the 3-band EQ

CONCLUSION

The EVERSE 12 is the ideal choice for musicians and mobile DJs who get along with two input channels. It offers a well thought-out solution for delivering a convincing sound performance for busking, walking acts or a wedding party in the „out-back“ without an AC power outlet. Even damp weather cannot harm the speaker, which is protected against splash water and light drizzle in accordance with the IP43 standard. The woofer makes itself heard at indoor parties or small performances. The integrated digital mixer, which is controlled via the app, takes the sound possibilities for a mobile battery speaker to a new level.