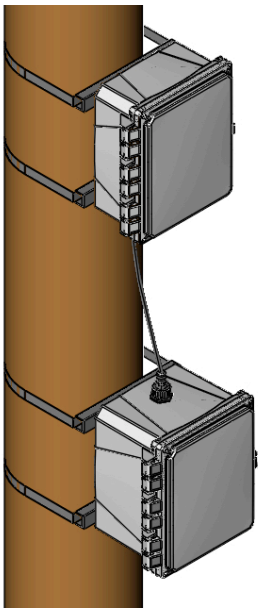
Technomad BreakoutBox Series

Weatherproof Audio Input Modules for PowerChiton amplifiers

BreakoutBox (closed)



BreakoutBox XL on pole with PowerChiton1

BreakoutBox XL with optional Shure™ wireless microphone.

Designed to work with Technomad's line of PowerChiton amplifiers, the BreakoutBox series provides a local interface in a low profile, weatherproof enclosure. The BreakoutBox and BreakoutBox XL both feature a mono, four input audio mixer with a combo microphone / balanced input and three line level inputs. On both the BreakoutBox and the BreakoutBox XL, there is a XLR- 1/4" TRS combo jack for microphone and balanced line input on the input surface. There is also an unbalanced 1/4" jack. On the BreakoutBox, there are two additional RCA jack inputs for channels 3 and 4.

The BreakoutBox XL offers three expansion bays where options such wireless mic receivers or a Schedulon audio player module can be installed as factory options. The 1/4" unbalanced input on the unit can be connected in parallel to with the third expansion bay in the case where all three expansion bays are used.

The BreakoutBox series features a weatherproof RJ45 ethernet jack as a connection point to the PowerChiton with which it is paired. CAT5 cabling is used to connect the two devices. This cable run carries DC power to operate the BreakoutBox electronics and the audio signal back to the amplifier. In the case where multiple PowerChitons are being driven by the same BreakoutBox, multiple external jacks are installed on the BreakoutBox. Only one will be configured to accept DC power and will be marked as such. Fully weatherproof UV stable enclosure

Features:

Compact and durable

Padlock hasp closure

Optional pole-mount

Four inputs with ducking

BreakoutBox XL wireless mic. option

Optional splitter for driving multiple PowerChiton amplifiers

TwistedPair and Wireless Link options

Internal AC power option

Technomad
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Technomad BreakoutBox Series

General Specifications

Power input	12VDC power - RJ45 jack AC power option - PowerCon
Audio inputs	
BreakoutBox	
Mic./balanced line level	1x XLR - 1/4” TRS -
Unbalanced line level	1x 1/4”, 2x RCA
BreakoutBox XL	
Mic./balanced line level	1x XLR - 1/4” TRS -
Unbalanced line level	1x 1/4”, 2x Exp. Bay headers
Audio output	RJ45 jack
Operating Temperature	0-50˚C

Physical Specifications

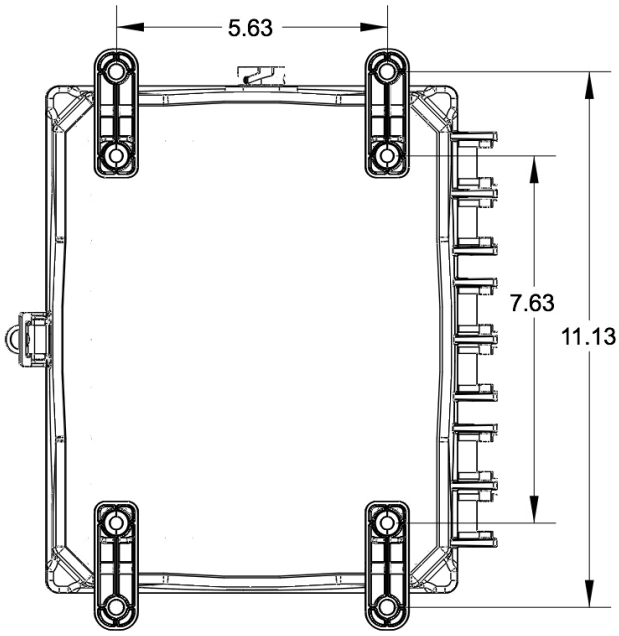
Cabinet	Polycarbonate (gray)
Flame rating	UL94
Outdoor UV rating	UL tested
IP Rating	IP66
Mounting options	Flange mount Pole mount

BreakoutBox

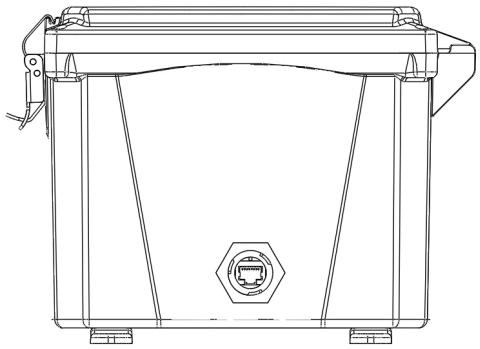
10.50”/266mm x 8.50 / 216 x 5.20 /132, 5 lb. / 2.3 kg.

BreakoutBox XL

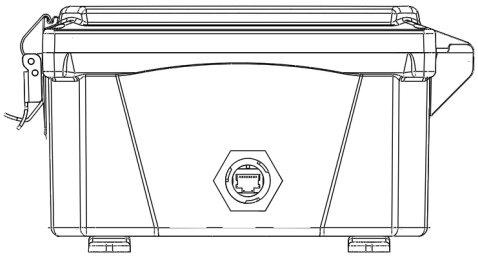
10.50”/266mm x 8.50 / 216 x 7.20 /132, 6 lb. / 2.7 kg.



BreakoutBox / BreakoutBox XL Rear View



BreakoutBox XL Top View



BreakoutBox Top View

Architectural and Engineering Specifications

The product shall consist of a weatherproof polycarbonate enclosure rated at IP66 when the lid is closed. The unit shall include a hasp closure which can be secured with a padlock. The unit will include one XLR - 1/4 TRS jack which provide a microphone or balanced line level audio input. The unit will include three unbalanced line level audio inputs. The unit shall include a weatherproof RJ45 connection for DC power and audio output.

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