

Specifications



RF PA Extension Kit

Dual Channel Transmitter with Receivers



The RF Venue RF PA Extension Kit is your professional-grade solution for wirelessly extending PA audio. Using tried-and-true analog FM stereo transmission in the 470-506 MHz UHF band, it delivers robust, clear sound to those hard-to-reach locations. Onboard per-receiver delay (up to 800ms) ensures perfect audio synchronization across all your satellite speakers.

The RF Venue RF PA Extension Kit empowers you to expand your audio coverage effortlessly and reliably. Deliver exceptional sound to every part of your event without the typical headaches.

NOTE: See User Guide for GUI details.

WARNING

- Do not expose this appliance to heat or moisture.
- Refer all service to qualified service personnel or distributors.

CAUTION: The suitable environment for this product is with a temperature between -10°C (14°F) and +50°C (122°F).

CAUTION: Attempting to disassemble or modify the device may cause damage that will not be covered by warranty and/or may cause personal injury. Do not pull on cables or connectors.

What's In The Box

RF PA Transmitter

- Dual Channel Rackmount Transmitter
- Two 1/2 Wave UHF Antennas
- AC Power Cable
- Two Short BNC Cables
- Two Panel Mount BNC Pass Thru Connectors

RF PA Receiver

- Single Channel Receiver
- 12 VDC Power Supply
- Mini XLR Female to XLR Male Cable
- Hook and Loop Tape, Mount, Screws

Specifications



RF-PA Extension Kit

Dual Channel Transmitter with Receivers

Transmitter Specifications	
Model Name	RF PA Transmitter
Carrier Frequency	470~960 MHz
Number of Transmit Channels	2 Channels
Frequency Matching	2.4 GHz Sync
RF Power Output	10mW/50mW (according to local regulations)
RF Stability	<±10 kHz Fc
Modulation Frequency Deviation	±48 kHz
Spurious Emissions	<-50 dBc
Antenna Connector	BNC Female
LCD Display	Group, Channel, Frequency, Mute, Remoset ID, Volume
Controls	Power, Group, Channel, Frequency, Transmitted Power, Key Lock
Dimensions	200 mm(L) x 480 mm(W) x 46 mm(H) / 7.9 in(L) x 19 in(W) x 1.8 in(H)
Weight	2.2 kg / 4.8 lb

Receiver Specifications	
Model Name	RF PA Receiver
Carrier Frequency	470~506 MHz
Number of Channels	2 Channels
Transmitter Receiver Sync	2.4 GHz RF Sync
Antenna Selection	True Diversity
Signal to Noise Ratio (S/N)	>80 dB
Total Harmonic Distortion (THD)	<0.5% @ 1 kHz
Reception Sensitivity	-95 dBm
Mirror Rejection Ratio	>80 dB
General Frequency Response	50 Hz ~ 18 kHz ± 2 dB
Antenna Connector	TNC Female
Display	LCD
Functions Displayed	Group, Channel, Frequency, Antenna A/B, AF Indication, RF Indication, Sync ID, Delay Time (distance)
Controls	Power Switch, Group, Channel, Frequency, Reception Sensitivity Key Lock, Delay Time, Display Settings, Language
Audio Output Level (MAX)	Mini XLR Jack: +10 dBu (Line) -10 dBu (MIC)
Audio Output Impedance	600 Ω
Mute	Noise Mute and Pilot Tone
Output Port	Balanced Mini XLR
Power	DCV Input 12 V / 0.5 A
IP Rating	IP54
Dimensions	365 mm(L) x 70 mm(W) x 30 mm(H) / 14.4 in(L) x 2.8 in(W) x 1.2 in(H)
Weight	454 g / 1 lb