

SDR-6120

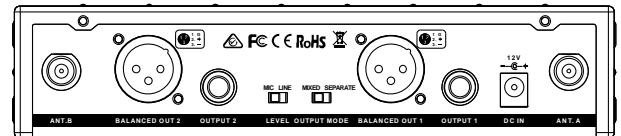
UHF DUAL CHANNEL 2-WAY SYNC RECEIVER

Features

- EIA Standard 1/2U rack-mountable metal chassis with high contrast LCD display. (Channel, frequency, RF level, AF level, antenna selection and transmitter battery level.)
- 100 factory preset user-selectable UHF channels.
- Pilotone and noise-cancelling dual-squelch circuits eliminate noise, interference and reduce signal dropouts.
- Adjustable SQ. Increases receiver range with higher sensitivity and reduces interference with lower sensitivity.
- Auto Scan function allows quick search for an interference-free working channel from 100 presets. World-first patented IrDA technology provides rapid and precise 2-way frequency sync between the receiver and transmitter.
- Receiver provides power for CHIAYO antenna systems to enhance reception range and signal stability.
- Buttons lockable to prevent unintended adjustment.
- Audio output jacks include balanced XLR and unbalanced 6.3mm.
- Unbalanced output with MIC-LINE level switch for connecting either MIC or LINE inputs.
- Two optional audio output modes: 2-channel mixed and separate.



High contrast LCD displays channel, frequency, RF level, AF level, antenna selection and transmitter battery level.



Specifications

Model	SDR-6120
Channel	Dual
Chassis	EIA standard 19" 1/2U
Receiving Mode	Diversity
Frequency Range	UHF 500 – 940 MHz
Bandwidth	25 MHz
Peak Deviation	< ± 40 kHz
Channel Sync	2-way (receiver↔transmitter)
Sensitivity	S/N > 80 dBm at 10 dBμV
S/N Ratio	> 110 dB(A)
T.H.D.	< 0.5% @ 1 kHz
Frequency Response	50 Hz – 18 kHz
Receiving Antenna	Rear Panel. Detachable.
Preset Channels	100
Oscillation Mode	PLL synthesized, frequency stability $\leq \pm 0.005\%$ (-10 – +60°C)
Squelch	Pilotone & Noise-cancelling dual-squelch circuit
Output Connector	Balanced XLR and unbalanced 6.3 Ø
Output Level	LINE and MIC switch
Power Supply	12V DC · 1.0A
Power Consumption	Max 12 W
Dimensions (W x H x D)	200 x 44 x 150 mm

** Specifications and design are subject to change without prior notice.

