



# Performer-100 SERIES

## WIRELESS AUDIO SYSTEM

### UHF 100-FREQUENCY 2-WAY SYNCHRONISING TRUE DIVERSITY RECEIVER



#### Features

- EIA Standard 1/2U rack-mountable metal chassis with high contrast LCD display (Channel, frequency, RF level, AF level and antenna selection).
- 100 factory preset user-selectable UHF channels.
- True diversity reception for best performance and reliability.
- 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 Parallel Audio antenna systems to enhance reception range and signal stability.
- Audio output jacks: balanced XLR or unbalanced 6.3mm.

#### Available Packages

##### Handheld System:

- Performer-100 Wireless Receiver
- HH6100 Handheld Transmitter

##### Lapel System:

- Performer-100 Wireless Receiver
- BP6100 Beltpack Transmitter
- LP-16L Lapel Mic

##### High Quality Headset System:

- Performer-100 Wireless Receiver
- BP6100 Beltpack Transmitter
- HM-221-U/O Headworn Mic (Beige)

##### Guitar System:

- Performer-100 Wireless Receiver
- BP6100 Beltpack Transmitter
- GC-12 Guitar Lead

#### Specifications

Model	PERFORMER-100
Channel	Single
Chassis	EIA standard 19" 1/2U
Frequency range	UHF 520-675MHz (3 available bands)
Bandwidth	Up to 25MHz
Receiving mode	True Diversity
Peak deviation	±40kHz
Channel sync	2-way (receiver - transmitter)
Sensitivity	S/N > 80dBm at 10dBµV
S/N ratio	> 110dB (A)
T.H.D.	< 0.5% @ 1kHz
Frequency response	50Hz - 18kHz
Receiving antenna	Rear Panel. Detachable.
Preset channels	100
Oscillation mode	PLL synthesised, frequency stability ≤± 0.005% (-10 - +60C)
Squelch	Pilotone & Noise-cancelling dual-squelch circuit
Audio output adjustment	Gain control circuit for adjustment of output volume
Output connector	Balanced XLR and unbalanced 6.3Ø
Power supply	12V DC, 1.0A
Power consumption	12W
Dimensions (mm)	200 (W) x 44 (H) x 150 (D)
Weight (kg)	0.63

\* NOTE: The above specifications are subject to change without prior notice.