

PERFORMER-100 SERIES

WIRELESS AUDIO SYSTEM

UHF 100-FREQUENCY 2-WAY SYNCHRONISING TRUE DIVERSITY RECEIVER



Features

- 100 factory preset user-selectable UHF frequencies.
- Advanced microprocessor control, excellent RF design with improved signal performance for interference free multi-channel operation.
- Patented IrDA technology for 2-way sync between transmitter and receiver.
- SCAN function automatically locates the next clean frequency.
- More than 10-12 non interfering channels can be operated simultaneously within a selected 25MHz bandwidth.
- Diversity design for high sensitivity, high selectivity, and high image/spurious rejections.
- LCD display on the receiver shows selected frequency.
- Antennas can be either rear or front mounted.
- Anti-interference Pilotone control and RF noise squelch circuitries.
- RF & AF LED indicators.
- Balanced (XLR) x 1 / unbalanced (06.3mm) x 1 audio outputs.
- Half-rack metal chassis, mountable with optional mount kit (PA-WRK-1 for 1 unit, PA-WRK-2 for 2 units).
- Matching transmitters: HH6100, BP6100.
- True diversity reception for best performance and reliability.
- Receiver provides power for Parallel Audio antenna systems to enhance reception range and signal stability.

Available Packages

ORDER CODE: PERFORMER-HH (Handheld System)

- Performer-100 Wireless Receiver
- HH6100 Handheld Transmitter

ORDER CODE: PERFORMER-L (Lapel System)

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

ORDER CODE: PERFORMER-HM (High Quality Headset System)

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

ORDER CODE: PERFORMER-G (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.