

## AM 100S Single Channel True Diversity Wireless Microphone System



### Features:

#### AM 100S Diversity Receiver

- Rugged metal chassis with soft-touch controls.
- Advanced diversity technology maintains dependable wireless signal quality.
- Pilot tone squelch for eliminating RF interference when transmitter is turned off.
- Enhanced AF frequency range
- Automatic Frequency Selection provides a straight shot to a clear channel.
- Transmitter Sync.
- 300 selectable frequencies across 30MHz bandwidth.
- OLED display screen delivers a bright, clear viewing in day/night environments.
- Equipped with both XLR balanced and Ø6.3mm unbalanced outputs.
- Offers an exceptional value in both performance and price, for both working musicians and sound installers.

### AM 100S Diversity Receiver

Main Frame Size	EIA-Standard 19" 1/2U
Channels	Single Channel
Frequency Stability	±0.005%, Phase Lock Loop frequency control
Carrier Frequency Range	UHF 603-634 MHz
Preset Channels	32 preset channels
Operating Range	90M typical ( in open space)
Oscillation	PLL synthesized
Sensitivity	6dBμV, S/N>60dB at 25 deviation
Band Width	15MHz
Max. Deviation Range	±45KHz
S/N	>105dB
T.H.D.	<0.7% @ 1KHz
Frequency response	45Hz~18KHz±1dB
Squelch	"PiloTone & NoiseLock" dual-squelch circuit
Power Supply	DC-12V/1A
Weight	720g
Dimension	212(W) X 44(H) X 202(D) (mm)
Output Connector	XLR balanced & 6.3φ phone jack unbalanced



AH 100-B1 / AH 100-B3 Wideband Handheld Microphone

- All rugged metal die-cast construction.
- 120MHz ultra-wide bandwidth.
- Extremely low handling noise.
- Infrared automatic transmitter sync.
- Very easy and quick to use thanks to OLED display
- 2 x AA batteries – up to 10 hours continue use.

Carrier Frequency Range	UHF 603-690 MHz
Oscillation	PLL synthesized
Harmonic radiation	< -65dBm
Bandwidth	120MHz
Max. Deviation Range	± 45KHz
Microphone Element	Cardioid Dynamic / Cardioid Condenser
RF Power Output	15mW
Battery	AA X 2 (country dependent)
Current Consumption	90mA, typical
Battery Current / Life	Approximately 10 hours
Dimension	51(Φ) X 253 (L) (mm)
Weight	326g ( w/o battery)



### AP 100 Wideband Bodypack Transmitter

- Rugged, ergonomically designed housing.
- 120MHz ultra-wide bandwidth.
- Equipped with 4 pin mini XLR connector.
- Infrared automatic transmitter sync.
- Very easy and quick to use thanks to OLED display
- 1 x AA batteries – up to 5 hours continue use.

Carrier Frequency Range	UHF 603-690 MHz
Oscillation	PLL synthesized
Harmonic radiation	< -63dBm
Bandwidth	120MHz
Max. Deviation Range	± 45KHz
Input Connector	4-pin mini-XLR connector
RF Power Output	15mW
Battery	AA X 1
Current Consumption	60mA, typical
Battery Current / Life	Approximately 5 hours
Dimension	72(H) X 68(W) X 21(D) (mm)
Weight	71g ( w/o battery)