



Included accessories

- CC1 – ABS system carrying case
1/2" jack to 1/2" jack lead, DC Charging lead,
Instruction manual, 240V (UK) 3 pin, or 240v
(EU) 2 pin plug top power supply.

Optional accessories

Specifications

- S1008 – Omni-directional miniature lapel
microphone
S1012 – Guitar lead
S1020 – Cardioid miniature lapel
microphone
S1021 – Neoprene beltpack pouch
S1022 – 19" rack ears to mount two Solo
receivers in 1U of rack space



Smartwireless

Professional microphone systems

Smartwireless

Solo Solo

Single channel
VHF diversity



Solo

Single channel
VHF diversity

The Solo radio microphone systems from Smart Wireless offer the ideal professional solution for budget conscious radio microphone requirements. The latest version of the Solo now includes diversity technology ensuring that the system will perform in demanding situations.



There are three complete systems available in the Solo range:

- S100B** – Beltpack system including cardioid lapel microphone
- S100H** – Beltpack system including cardioid headset microphone
- S100M** – Handheld system featuring a condenser capsule

- Three fixed frequencies are available within the deregulated VHF band.
- Diversity technology ensures the reception quality
- Advanced wireless circuitry for super-reliable RF reception.
- Compact desk mounted mini receiver, with optional rack mounting kit (mounts two receivers)
- Squelch Adjustment
- Unbalanced 1/2" jack audio output
- Sturdy ABS carrying case included to protect the complete system

Specifications

Receiver

- Carrier Frequency Range : Fixed freq. 173.8MHz, 174.6MHz or 175.0MHz
- Oscillator : Crystal locked control
- Modulation : FM
- Frequency Stability : +/- 0.005%
- S/N ratio : > 94dB, (at RF = 1mV)
- Image and Spurious Rejection : 80 dB minimum
- Receiving Sensitivity : At 5uV over 80dB S/N ratio
- Selectivity : > 50dB
- AF Response : 50Hz to 15KHz
- T.H.D. : < 1% (at 1KHz)
- IF Frequency : 10.7MHz
- Dynamic Range : >96dB
- Audio Output : Unbalanced audio output
- Current Consumption : 40mA +/- 10mA
- Power Supply : 12V DC , approx 500mA
- Case : Mini Case
- Dimensions : 170 x 32 x 106 (mm)



Handheld transmitter (S1001)

- Carrier Frequency Range : Fixed freq. 173.8MHz, 174.6MHz or 175.0MHz
- RF Power Output : 10mW (max)
- Oscillator : Crystal locked control
- Frequency Stability : +/- 0.005%
- Maximum Deviation : +/- 15KHz
- Spurious Emission : >50dB below carrier frequency
- T.H.D. : < 1% (at 1KHz)
- Battery : 2 x AA size 1.5v Alkaline
- Current consumption : 50mA +/- 5mA
- Capsule : Electret Condenser
- Dimensions : 272mm x 62 dia



Beltpack transmitter (BTX)

- Carrier Frequency Range : Fixed freq. 173.8MHz, 174.6MHz or 175.0MHz
- RF Power Output : 10mW (max)
- Oscillator : Crystal locked control
- Frequency Stability : +/- 0.005%
- Maximum Deviation : +/- 15KHz
- Spurious Emission : >50dB below carrier frequency
- T.H.D. : < 1% (at 1KHz)
- Battery : 2 x AA size 1.5v Alkaline
- Current consumption : 50mA +/- 5mA
- Microphone supplied : Uni-directional electret condenser lapel or headset with 3 pin mini XLR connector
- Dimensions : 66 x 98 x 25 mm



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