



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

- L2 – 19" rack ears to mount one U-Scan
system receiver in 1U of rack space
S1008 – Omni-directional miniature lapel
microphone
S1012 – Guitar lead
S1020 – Cardioid miniature lapel
microphone
S1021 – Neoprene beltpack pouch



Smartwireless

Professional microphone systems

 Smartwireless

U-scan U-scan

16 channel UHF
with Auto-scan



U-scan

16 channel UHF with Auto-scan

The U-Scan radio microphone systems from Smart Wireless represent a new breed of feature packed competitively price products suitable for commercial and professional use.



U100B
Lapel microphone system

There are three complete systems available in the U-Scan range

- U100B** – Beltpack system including cardioid lapel microphone
- U100H** – Beltpack system including cardioid headset microphone
- U100M** – Handheld system featuring a condenser capsule

- 16 selectable, pre-programmed frequencies make it easy to set up multiple systems configurations and to avoid interference frequencies. (Three systems can be used together within the deregulated frequency band)
- Diversity technology ensures the reception quality
- Integrated charging function for cost-saving and environmental protection (NiMH batteries must be used when recharging)
- LED display for indicating the scanned interference-free channel. 5 segment LEDs for RF and AF levels
- Durable chassis with 1/2 rack design
- Squelch Adjustment
- Balanced XLR connector and unbalanced 1/2" jack audio output
- Sturdy ABS carrying case included to protect the complete system

Specifications

Receiver

- Carrier Frequency Range : UHF band 863 – 865 MHz
- Oscillator : PLL synthesized
- Modulation : FM
- Frequency Stability : +/- 0.005%
- S/N ratio : > 94dB, at 48KHz deviation and 60dBuV antenna input
- Maximum Deviation : +/- 48KHz
- Image and Spurious Rejection : 80 dB minimum
- Receiving Sensitivity : 6dBuV
- Selectivity : > 50dB
- AF Response : 80Hz to 12KHz (+/-3dB)
- T.H.D. : < 1% (at 1KHz)
- IF Frequency : 1st:56MHz 2nd:10.7MHz
- Dynamic Range : >96dB
- Tone Signal : 32.768MHz
- Audio Output : Balanced and unbalanced audio outputs
- Power Supply : 12V DC , approx 500mA
- Case : 1/2 19" rack
- Display : LED
- Dimensions : 210 x 44 x 165 (mm)

Beltpack transmitter

- Carrier Frequency Range : UHF band 863 – 865 MHz
- RF Power Output : 10mW (max)
- Oscillator : PLL Synthesized
- Frequency Stability : +/- 0.005%
- Maximum Deviation : 48KHz with limiting compressor
- Spurious Emission : . 60dB below carrier frequency
- T.H.D. : < 1% (at 1KHz)
- Battery : 2 x AA size 1.5v Alkaline or NiMh
- Current consumption : 85mA (max)
- Dimensions : 66 x 97 x 25 mm
- Channel selection : Rotary
- Microphone supplied : Uni-directional electret condenser lapel or headset with 3 pin mini XLR connector

U100M
Handheld condenser system



Handheld transmitter

- Carrier Frequency Range : UHF band 863 – 865 MHz
- RF Power Output : 10mW (max)
- Oscillator : PLL Synthesized
- Frequency Stability : +/- 0.005%
- Maximum Deviation : 48KHz with limiting compressor
- Spurious Emission : . 60dB below carrier frequency
- T.H.D. : < 1% (at 1KHz)
- Battery : 2 x AA size 1.5v Alkaline or NiMh
- Current consumption : 120mA (max)
- Capsule : Electret Condenser
- Dimensions : 267mm x 55 dia
- Channel selection : Rotary

U100H
Headset microphone system



Amongst some of the new features of this radio microphone system is the Auto-scan function which can help the user locate an interference-free channel quickly. Included in the package is the following functionality: