

**Product Guide****C 8867C** 16 Channel UHF Wireless Microphone System With Handheld Transmitter**C 8868C** 16 Channel UHF Wireless Microphone System With Beltpack Transmitter

## 16 Channel Wireless Microphone Systems



### Overview

Entry level UHF wireless system complete with either a handheld or beltpack transmitter with included lapel microphone. Perfect for clubs, restaurants, function centres and wedding ceremonies. Voices are reproduced faithfully whilst allowing freedom of movement to a distance of 70m.

16 channel design means multiple units can be used in the one location without interference. Output is via either a 6.35mm phono jack or an XLR balanced connector at either mic or line level for connection to virtually any modern mixer or amplifier.

### Key Features

- ✓ 16 channels in the 520-550MHz UHF band
- ✓ RF and AF signal presence indicator LEDs
- ✓ Tone squelch circuit for noise reduction
- ✓ Range of up to 70m in ideal conditions
- ✓ 6.35mm unbalanced line/mic output
- ✓ 3 pin balanced XLR mic output

### Beltpack Accessories

- C 8909** Guitar/instrument lead
- C 8913A** Headband lecture mic - black
- C 8912** Headband lecture mic - skintone
- C 8914** Over-ear lecture mic - skintone
- C 8911** Headband aerobics mic - black
- C 8915** Neoprene beltpack pouch

## Product Guide

**C 8867C** 16 Channel UHF Wireless Microphone System With Handheld Transmitter

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### Rear Panel



1 XLR Balanced output

3 Line / Mic level selector switch

5 Squelch control

2 6.35mm Unbalanced output

4 Channel select rotary switch

6 12V dc input

### Specifications

#### System Specifications

Carrier frequency range:	520 - 550MHz UHF band
Frequency stability:	±0.005%
Oscillator:	PLL Synthesised
Receiving sensitivity:	10µV over 80dB S/N ratio
Image and spurious rejection:	80dB minimum
Selectivity:	>50dB
Modulation mode:	FM
IF Frequency:	1st: 243.95MHz, 2nd: 10.7MHz
Tone signal:	32.768kHz
Signal to noise ratio:	>94dB, at 48kHz deviation and 60dBµV antenna input
Audio frequency response:	50Hz to 15kHz (±3dB)
Total harmonic distortion:	less than 1.0% (at 1kHz)
Audio output:	Balanced and unbalanced outputs for single channel Switching diversity (Mic = 20dB / Line = 0dB)
Power supply:	12V dc
Current consumption:	130mA (max)

#### Mechanical

Dimensions:	170W x 106D x 32H mm
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#### Transmitter

Carrier frequency range:	520 - 550MHz UHF band
RF Power output:	10mW (max)
Oscillation mode:	PLL Synthesised, 16 Channel selectable
Frequency stability:	±0.005%
Maximum deviation:	±48kHz with limiting compressor
Spurious emission:	>60dB below carrier frequency
Total harmonic distortion:	<1% (at 1kHz)
Microphone capsule	
Handheld:	Uni-directional electret condenser unit
Lavalier:	Uni-directional electret condenser unit
Battery:	3V dc (2 x 1.5V AA batteries) or 2.4V dc (2 x 1.2V AA rechargeable)
Current consumption:	120mA ±5mA
Dimensions (mm)	
Handheld:	266 x 55mm
Beltpack:	65 x 100 x 27mm