

FREQUENCY-AGILE ON-CAMERA UHF WIRELESS SYSTEMS

- 105UPR** Receiver
- 15BT** Body-pack Transmitter
- 15XT** Plug-in Transmitter
- 15HT** Handheld Microphone/Transmitter



SYSTEM FEATURES

- Compact Camera-Mount System
- 92 User-Selectable UHF Frequencies (566.25-589.75 MHz)
- New, Pivoting High-Gain Antenna
- New Case Design with Attached Shoe-Mount
- 3.5 mm Mini-Jack Output with Supplied Mini-Cable
- Optional Balanced Mini-To-XLR Cable (MX-1)
- Headphone Output with Volume Control
- Power ON/Receiving Signal LED
- Powered by 2 "AA" Batteries (not included)

105 SERIES

Specifications*

Overall System

Operating Range	200-300 feet
Operating Frequency	UHF band, 566.25 MHz to 589.75 MHz
Number of Channels	92 User-selectable
Modulation Mode	FM
Oscillator	Phase Lock Loop synthesizer
Operating Temp. Range	-10° C to +50° C (-50° F to -122° F)

105UPR Receiver

Frequency Response	50 Hz - 12 kHz
RF Squelch level	-92 dBm
Adjacent Channel Selectivity	≥ 67 dBm
Intermodulation	≥ 62 dBm
Noise Reduction	Expander (TOKO)
Audio Output	-22 dBm (balanced) @ 1 kHz ± 40 kHz
Output Impedance	2 k Ω (balanced)
S/N Ratio	57 dB (± 5 kHz)
Power Requirement	2 "AA" Batteries (Alkaline) 6-8 hours runtime
Dimensions	63W x 98H x 27D mm 2.48W x 3.86H x 1.06D inches
Weight	≅180 g (6.35 oz) w/batteries

15BT Belt-pack Transmitter

RF Power	25 mW
Antenna	¼ wavelength
Frequency Response	50 Hz - 15 kHz
Reference Deviation	± 5 kHz (-60 dBm - 1 kHz input) ± 40 kHz max deviation
Noise Reduction	Compander (TOKO)
Power Requirement	2 "AA" Batteries (Alkaline) 6-8 hours runtime
Dimensions	63W x 98H x 27D mm 2.48W x 3.86H x 1.06D inches
Weight	≅160 g (5.64 oz) w/batteries
Supplied Mic	Clip-on ECM Lavalier

15HT Handheld Transmitter

RF Power	25 mW
Antenna	¼ wavelength (internal)
Frequency Response	50 Hz - 12 kHz
Reference Deviation	± 5 kHz (-60 dBm - 1 kHz input) ± 40 kHz max deviation
Noise Reduction	Compander (TOKO)
Mic Element	ECM
Power Requirement	2 "AA" Batteries (Alkaline) 6-8 hours runtime
Dimensions	230H x 44D mm 9.05H x 1.73D inches
Weight	≅130 g (4.58 oz) w/batteries

15XT Plug-in Transmitter

RF Power	25 mW
Antenna	¼ wavelength (internal)
Frequency Response	50 Hz - 12 kHz
Reference Deviation	± 5 kHz (-60 dBm - 1 kHz input) ± 40 kHz max deviation
Noise Reduction	Compander (TOKO)
Power Requirement	1 "9V" Battery (Alkaline) 6-8 hours runtime
Dimensions	40W x 112H x 40D mm 2.48W x 3.86H x 1.06D inches
Weight	≅180 g (6.35 oz) w/battery

Available in systems as:

105LT {105UPR + 15BT w/EX-503L Lav Mic}
105HT {105UPR + 15HT}
105XT {105UPR + 15XT}

* Due to constant improvements, specifications are subject to change without notice.

105ULH {105UPR, 15BT w/EX-503L Lav Mic + 15HT}
105ULX {105UPR, 15BT w/EX-503L Lav Mic + 15XT}

