

PRODUCT

UM1 CAMERA SYSTEM

DESCRIPTION

LARGE CAMERA WIRELESS SYSTEM

SERIES

AIRLINE

CATEGORY

WIRELESS

OR

**UM1 GENERAL DESCRIPTION**

The UM1 Micro Diversity Receiver operates on the 800MHz frequency UHF band where there is much less RF interference. Truly compact, it mounts easily onto virtually any type of video camera using the supplied strip of Velcro and can even be powered directly by the camera's own 12 volt power supply (if available), making it easy to integrate into any traveling or fixed installation video system.

Equipped with sophisticated circuitry for superior reception and crystal-clear audio, the UM1's wide range of features make it ideal for commercial videographers as well as corporate and broadcast video professionals. The unit includes a pair of tuned antennas and provides both balanced and unbalanced outputs (with a three-position output level switch) and a headphone monitor output with continuously adjustable level control. The UM1 also features an audio peak LED, dual receiver indicators and an RF strength meter.

The UM1 is available in six different channels, all operating in the less crowded UHF bandwidth, so multiple UM1 systems (each tuned to a different channel) can be used in the same location without interference. The true diversity technology on this receiver also maximizes active range (up to 300 feet) and reduces potential interference problems through automatic switching between two independent receivers. Additionally, built-in companding noise reduction in all components ensures crystal-clear sound with minimized background noise and hiss.

HT7 GENERAL DESCRIPTION

Intuitive design combined with a functional and inclusive feature set makes the HT7 handheld transmitter an excellent wireless microphone for any kind of vocal reproduction. Because the HT7 can be purchased with Samson's Q7 dynamic element or the C05 condenser element, it's easy to select the ideal microphone for a specific vocal application. The HT7 handheld transmitter features a three-segment battery indicator, power and audio on/off switches (for "popless" muting), adjustable input level control and 12 hours of battery life on a single 9-volt battery. Built-in companding noise reduction also minimizes background noise and hiss.

CT7 GENERAL DESCRIPTION

Thanks to a mini-XLR input and the ability to connect to the Samson GC5P3 cable with 1/4-inch jack, the CT7 beltpack transmitter offers versatile connection options that include a variety of popular headsets and lavalier microphones. These configuration options are complemented with features like power/battery LED, audio on/off switch for muting without "pop" or "thud," power on/off switch and audio input level control. Plus, companding noise reduction helps provide crystal clear sound with minimized background noise.

PRODUCT SPECIFICATION SHEET

SERIES
AIRLINE

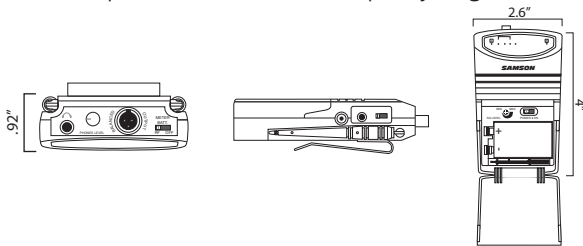
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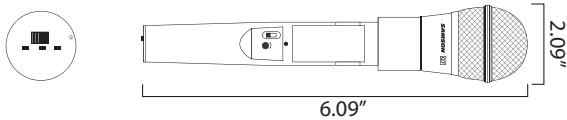
UM1 ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The UM1 from Samson shall be a wireless audio micro diversity receiver for use with Video Camera systems. The UM1 requires a single 9-Volt battery for power and has a DC input for use with an external power supply. The UM1 shall have a headphone output on a 1/8 inch TRS connector with level control for monitoring the received signal. The UM1 shall have a balanced output on a mini XLR P3 connector. It shall come supplied with a Mini XLR to standard XLR cable for connection to the camera system. The UM1 shall also have a 1/8 inch unbalanced output with a -10, -20, -30dB output level switch for input to the video camera. The UM1 shall be a dual antenna receiver LED indicators for diversity receiving. It shall also have switchable metering for RF, audio, and battery. The UM1 shall have a squelch level control and power on/off switch. The UM1 shall operate in the 800MHz frequency range.



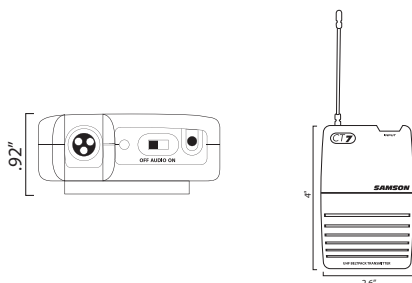
HT7 ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The HT7 from Samson is a UHF wireless hand held transmitter from Samson. It comes standard with our Q7 Cardioid dynamic mic element. The HT7 shall have an audio mute switch on the rear of the mic. It has 3 LED indicators for low, med, and high battery level. The HT7 has a power on/off and audio gain control inside the battery cover. The HT7 operates on a single 9 volt battery.



CT7 ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The CT7 from Samson is a UHF wireless Beltpack transmitter from Samson. It comes with a P3 mini locking XLR for mic input. The CT7 shall have an audio mute switch on the top of the unit. It has an LED indicators for power. The CT7 has a power on/off , audio gain control, and audio pad switch inside the battery cover. The CT7 has a rear belt clip for attaching to clothing operates on a single 9 volt battery.



UM1 SPECIFICATIONS

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| Frequency Response | 50 Hz - 15 kHz (±3 dB overall) |
| Receiving Frequency Range | 801 – 805 MHz or 863 |
| Squelch Sensitivity | 17 dBµv ±4 dB |
| T.H.D. (Overall) | 1% Max (@AF1 kHz, RF56 dBuv) |
| Dimensions (W × D × H) | 2.6" × 1" × 4.25" 65.8mm × 26mm × 107mm |

HT7 SPECIFICATIONS

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|---------------------------------|-------------------------------------|
| Frequency Response | 50 Hz to 16 kHz |
| Sensitivity | -54 dB |
| Rated Impedance | 200Ω |
| Max SPL | 150 dB |
| Connector | 3-pin gold-plated balanced male XLR |
| Dimensions | 2.09" × 6.09" 53mm × 180mm |
| Weight | 13 oz • 368 g |

CT7 SPECIFICATIONS

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|------------------------------------|--|
| Frequency Response | 50 Hz - 15 kHz (±3.5 dB) |
| Current Consumption | 7 mA typical |
| Battery Life | 12 hours (9-Volt battery) |
| RF Output Power (5mW) | -4 dB Minimum, +3 dB Maximum |
| Frequency Stability | ±20 kHz |
| Dimensions (W, D, H) | 2.6" × .92" × 4" 66.15mm × 23.4mm × 102.5mm |