

PRODUCT

PRESENTATION SYSTEM

DESCRIPTION
AL1, QL5, CR77

SERIES
AIRLINE

CATEGORY
WIRELESS



CR77 GENERAL DESCRIPTION

The CR77 is a true diversity UHF receiver that can be used freestanding or mounted in any standard 19-inch rack, making it easy to integrate into any traveling or fixed installation audio system. It includes a pair of tuned antennas and the synthesized PLL frequency control circuitry keeps the signal locked and true while LEDs monitor the true diversity operation.

The CR77 features a front panel display with large six-segment audio level and RF level LED meters along with a large rotary volume knob that allows easy adjustment of audio output. The unit also houses a line/mic output level switch and continuously adjustable volume and squelch controls. The rear panel features balanced XLR and unbalanced 1/4-inch outputs allowing flexible connection options. Two CR77 receivers can even be rackmounted together in a single-space rack adapter available as an added accessory.

AL1 GENERAL DESCRIPTION

The AL1 is an all-in-one miniaturized UHF wireless presentation transmitter with a built-in microphone. Despite its ultra small size, the AL1 has power and mute switches, an input level control and a two-function LED that indicates when the transmitter is on and transmitting signal and when the battery needs to be changed.

The AL1 transmitter has a built-in unidirectional electret condenser mic, which features a metal windscreen and provides clear, crisp reproduction of speech. For enhanced versatility, it also allows a user to plug a lavalier mic into the standard 2.5mm mini-jack. The AL1 even provides 2.7 volts of phantom power so condenser mics can be used if desired.

An alligator clip allows the AL1 to be mounted on a lapel, pocket or belt. Or it can be worn around a presenter's neck using the convenient lanyard. Featuring the ability to operate on one AAA battery, the AL1 will provide exceptional wireless reception for up to 14 hours on that single battery. And since it's a UHF transmitter, the system is operating on a clearer frequency band with less interference.

QL5 GENERAL DESCRIPTION

As a professional, miniature clip-on condenser microphone, the QL5 lavalier is an ideal choice for close body miking in presentation and video applications. Manufactured with extreme care and the highest quality components, the QL5 delivers exceptionally clear and articulate vocal reproduction thanks to its electret condenser element. Easily attached to a necktie or jacket lapel, a maximum amount of gain-before-feedback can be achieved as a result of the QL5's tight cardioid pickup pattern which also reduces background noise. Additionally, its high SPL capability and lightweight, low profile design make this lavalier mic an excellent choice for a wide variety of vocal miking applications.



PRODUCT SPECIFICATION SHEET

SERIES
AIRLINE

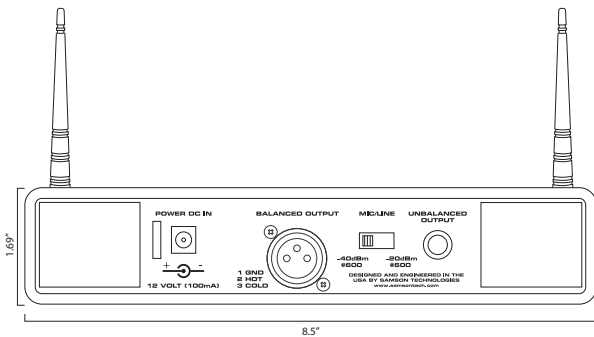
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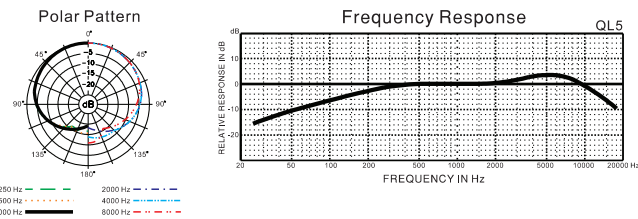
CR77 ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The CR77 from Samson shall be a UHF true diversity wireless audio receiver to be used with any of our Airline wireless transmitters. The CR77 shall be a ½ rackspace receiver that can also be used as a stand-alone receiver. The CR77 is supplied with a 12Volt DC power supply. The CR77 shall have a front panel level control, squelch control, power switch, antenna A and B, and 6 segment audio and RF metering. The rear panel of the CR77 shall have balanced XLR and ¼ inch unbalanced outputs with mic/line level switching. The CR77 shall operate in the 801-805mHz.



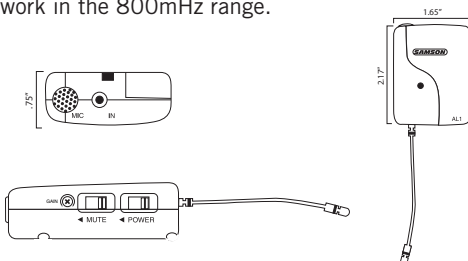
QL5 ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The QL5 lavalier microphone from Samson is a high quality condenser mic with a cardioid pickup pattern. It is fitted with a P3 locking mini XLR connector. It is supplied with a standard 6-foot cable. It also is supplied with a tie clip and windscreen.



AL1 ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The AL1 micro presentation transmitter from Samson shall be an all in one UHF wireless transmitter with built-in electret condenser microphone. The AL1 shall operate on a single AAA battery and get approximately 14 hours battery life. The AL1 shall have a 1/8th inch jack for an external mic if required. Plugging into the 1/8th inch jack disconnects the internal mic. The AL1 shall have a power switch with LED indicator, mute switch and gain control. The AL1 shall have a rear clip to allow attaching to clothing. The AL1 shall work in the 800mHz range.



CR77 SPECIFICATIONS

Frequency Response	50 Hz - 15 kHz (±3 dB overall)
Receiving Frequency Range	801 – 805 MHz or 863 – 865 MHz
Sensitivity	18 dBm (@ THD 2%)
T.H.D. (Overall)	1% Max (@AF 1 kHz, RF 46 dBu)
S/N Ratio (Overall)	90 dB (with IHF-A Filter)
Dimensions (W x D x H)	8.5" x 4.55" x 1.69" 216mm x 115.75mm x 43mm

QL5 SPECIFICATIONS

Frequency Response	60 Hz to 15 kHz
Sensitivity	-65 dB
Rated Impedance	200Ω
Dynamic Range	109 dB
Max SPL	132 dB
Connector	3-pin mini with PM5 mini to XLR adapter
Dimensions31" x .71" 8mm x 15mm overall
Weight	12.17 oz • 345 g

AL1 SPECIFICATIONS

Frequency Response	50 Hz - 15 kHz (±3.5 dB)
Current Consumption	60mA Typical
Battery Life	14 Hours (AAA size battery)
RF Output Power (5mW)	-4 dB Minimum, +3 dB Maximum
Frequency Stability	-40 kHz Minimum, 40 kHz Maximum
Modulation Factor	13 kHz Minimum, 15 kHz Typical, 17 kHz Maximum, Input 1 kHz-20 dBv
Dimensions (W x D x H)	1.65" x .75" x 2.17" 42mm x 18.65mm x 55.15mm