

AN-100

IR



Benefits of IR wireless vs. RF wireless transmission:

Line of sight operation:

In a school application, each room can use an AN-100IR without fear of overlapping transmissions from adjacent classrooms. It is no longer necessary to sort through different frequency pairs to accommodate this type of usage.

Not subject to RF interference:

IR wireless transmissions are not subject to RF interference (i.e. TV transmission), and will provide a cleaner overall sound quality than standard RF wireless transmitter/receiver combinations.

Applications:

Multiple school classrooms, video/audio presentations, lectures, use in applications where there is RF interference (near TV stations/transmitter towers).

The new **AN-100IR** has all the same features of the original AN-100W-1 wireless product with the added advantage of:

- Because IR transmissions are line of sight, multiple units of the AN-100IR can be used in the same general area, as long as they are separated by 4 walls and a ceiling (typical multiple classroom use)
- The AN-100IR is not susceptible to interference from other wireless transmitters operating in the same area.
- The AN-100IR is ideal as an add-on to video projection presentation system.

SPECIFICATIONS:

Rated Power:	25 watts continuous
Sensitivity for rated output:	
Line:	-20dBV (100 v rms)
Mic:	-43dBV (7.5 v rms)
Instrument:	-30dBV (30 v rms)
Frequency response:	65Hz-10kHz
Max SPL@rated power:	101dB@1 meter
Line Inputs(2):	Hi-Z, unbalanced, dual RCA jacks, (summing L+R)
Mic Input:	Low-Z, unbalanced, 1/4" phone
Instrument Input:	(3k) unbalanced, 1/4" phone
AC power requirements:	110-125 VAC 50/60Hz or 210 VAC 50/60Hz (50 watts max)
Wireless:	
WH-1000-IR	Handheld IR wireless mic/transmitter
WH-1001-IR	Wireless body pack w/emitter/mic and lanyard
Dimensions (HWD):	5.25 x 8.4 x 9", 13 x 21 x 23 cm
Weight:	8.5 lbs, 3.8 Kg

