

AN-01



- The AN-01 is a uni-directional UHF Antenna, designed to be used with Sony analogue or digital wireless microphone systems.
- Two AN-01 should be used for diversity reception.
- A single AN-01 can receive a wide frequency range from 470 to 862MHz.
- Either DC 9V or 12V can be used for powering.
- Selectable booster gain (18 dB/10 dB/0 dB).
- The antenna is a log-periodic dipole array.
- It is supplied with a hand grip that supports screw mounting onto a microphone stand.

Antenna Section

Antenna Type	Log periodic dipole array
Directivity	Unidirectional
Frequency Range	470 MHz to 862 MHz
Antenna Gain	5 dBi or more
Voltage Standing Wave Ratio	2.5 or less
Half Power Angle	150 degrees or less
Front To Back Ratio	12 dB or more

Booster Section

Frequency Range	470 to 862 MHz
Booster Gain	18 dB/10 dB/0 dB, switchable
Voltage Standing Wave Ratio	3.0 or less
Noise Figure	6 dB or less
Third Order Intermodulation	60 dB or more (95 dB μ VEMF input)

Input/Output

Output Connector BNC-R, 50 Ω

General

Power Requirements 9 V/12 V DC

Power Consumption 100 mA or less

Operating Temperature 32°F to 122°F
0°C to 50°C

Storage/Transport Temperature -4°F to +140°F
-20°C to +60°C

Dimensions *[1] 343 x 341 x 36 mm (excluding microphone stand attachment pole/grip) (W x H x D)
13 1/2 x 13 5/8 x 1 7/16 inches (excluding microphone stand attachment pole/grip) (W x H x D)

Mass Approx. 530 g
Approx. 19 oz

Supplied Accessories Warranty card (1)
Warranty booklet (1)
Stand Adapter PF1/2 to W5/8 type (1)
Stand Adapter PF1/2 to W3/8 type (1)
Operating Instructions (1)
Microphone stand attachment pole/grip (1 set)

Notes

Note *[1] The values for dimensions are approximate.



