

LA380

HI-Q ACTIVE LOOP AERIAL

■ Excellent directivity in peaking and nulling signals as local noise.

■ Good strong signal handling, high IP3 +10dBm.

■ Tune and peak the wanted frequency, reject unwanted out of band signals.

■ Ideal for limited space, apartments, small lots, motor homes, attics, or mobile homes.

■ Designed and manufactured in Japan to exacting standards.

10kHz-500MHz
With a single
indoor loop!



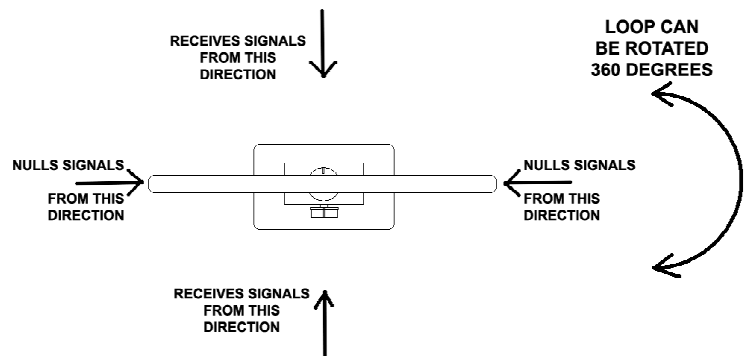
LA380 HI-Q Active loop aerial 10kHz - 500MHz

The LA380 is a compact active (30cm diameter) loop aerial specifically designed to provide good reception when away from the main monitoring location or when large external aerials are not practical. Compact, but achieving high performance, featuring an internal high-gain amplifier (20dB for 10kHz-250MHz) and excellent overall strong signal handling (high IP3 +10dBm).

The rotating loop element provides excellent directivity in peaking and nulling signals (ideal for minimizing the effects of unwanted interfering local terrestrial signal and noise), of course the directional characteristics when listening to distant sky-wave signals will not be as pronounced as local ground-wave propagation. The loop element features a 5 positions band switch and a High-Q poly-variable capacitor to tune and peak the wanted frequency, while achieving maximum rejection of unwanted out of band signals ? valuable additional selectivity for your receiver's front-end stages.

Directionality / reception pattern properties

(view from top of the loop)



BAND SWITCH FREQUENCY RANGE SELECTION

Frequency	Comments
40 kHz	Specifically for Japan time signal
60 kHz	Specifically for US, UK & Japan time signal.
3-10 MHz	Shortwave bands 100 to 30 Meters.
9-40 MHz	Shortwave bands 33 to 7 Meters.
Others	60 kHz to 3 MHz 40 MHz to 500 MHz

LA380 vs. its predecessor LA350

With similar performances, the LA380 has following advantages:

- Wider frequency coverage (10kHz-500MHz), LA350 covering only 200kHz-30MHz.
- Full frequency coverage (10kHz-500MHz) with one single receiving element! LA350 needed 4 switchable elements.

Specifications:	
Frequency range	10kHz-500MHz
Impedance	50 Ohm
Connector	BNC
Weight	Approx.500g without accessories
Cable	1m RG58A/U (BNC plugs)
Power	External DC 12V (9-15V), approx. 50mA.
Supplied acc.	LA380 Control box with loop AC power supply BNC-BNC Coaxial patch lead

The LA380 is NOT intended for transmit purposes.

E&OE AOR LTD, 2005



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