

# MPB-30 UHF Gain-Controllable Antenna Booster

## Profile

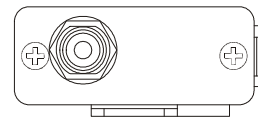
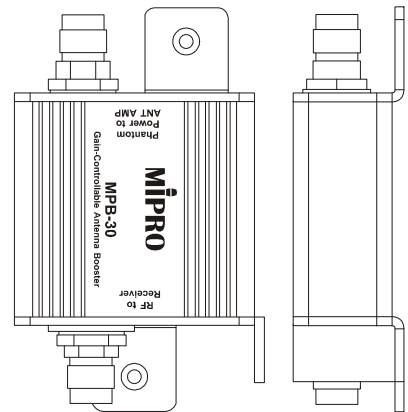
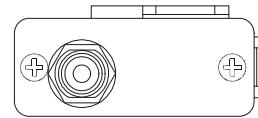
The MPB-30 antenna booster is equipped with variable gains to work with the AD-708 antenna divider to detect and automatically compensate for the signal loss of antenna cables to obtain optimal signal outputs.

## Key Features

- Optimized in the 470 – 960 MHz frequency range, it works with the AD-708 antenna divider to detect and automatically compensate for the signal loss of cables by controlling the built-in variable 0 – 14 dB  $\pm$  1 dB gain.
- With an external power supply, the MPB-30 provides power independently to the internal antenna booster. This allows complicated external antenna dividing systems to work efficiently and independently so that longer antenna cables can be connected with more boosters.
- Without an external power supply, the MPB-30 works by the 8V DC power provided from MIPRO ACT Series receivers to ensure normal operation.
- The aluminum casing provides superb heat dissipation characteristics and a constant stability.

## Technical Specifications

Frequency Range	470 – 960 MHz
Gain	Variable 0 – 14 dB $\pm$ 1 dB (work with AD-708)
Noise Figure	< 2.5 dB (center band)
IIP3	+18 dBm (center band)
Input / Output Connectors	1-to-1 TNC. 50 $\Omega$ impedance.
Input Power	12 – 24 V DC / 350 mA
Regulated Power Output	8 V DC / 250 mA
Current Consumption	Approx. 77 mA at 12 V DC
Dimensions (W $\times$ H $\times$ D)	90 $\times$ 25 $\times$ 55 mm   3.5 $\times$ 1 $\times$ 2.2 "
Weight	Approx. 100 g   3.5 oz



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