UHF Active Omnidirectional Antenna

MODEL P360 UHF ACTIVE OMNIDIRECTIONAL ANTENNA

Line 6 P360 is an active UHF wireless omnidirectional antenna for use with 2.4GHz receivers including Line 6 Relay® G55, Relay G90, XD-V55, XD-V75 and XD-V70. It features a single inverted F design.

To compensate for coaxial cable signal loss, the P360 has an on-board amplifier that offers user selectable 3dB, 12dB or 23dB of gain. Remote 3 Vdc power for the antenna amplifier is provided by the Relay or XD receiver through the connecting coaxial cable.

The P360 can be mounted on a microphone stand using the integrated adapter. For best diversity performance, use two P360 antennas.

INSTALLATION INSTRUCTIONS

1. Determine the length of cable required to connect the P360 antenna to the Relay or XD receiver.

IMPORTANT: Always use low-loss 50-ohm cable such as LMR-195 or equivalent. Line 6 AEC25 7.6 m (25 ft.) or AEC50 15.2 m (50 ft.) cables are recommended.

2. Set the gain switch to the appropriate setting. If you are using coaxial cables up to 7.6 m (25 ft.) long, select the 25' position. If using cables between 7.6 m (25 ft.) and 15.2 m (50 ft.), select the 50' position. If using cables longer than 15.2 m (50 ft.), select the 100' position. (Access to the gain switch is on the back side of the antenna. Gain settings are marked on the PC board next to the cable length selector.)

3. Connect one end of the antenna cable to the P360. Then mount the antenna so that it is near the intended coverage area.

4. Connect the other end of the antenna cable to the Relay or XD receiver. The blue power LED on the P360 illuminates to verify that power is being provided to the antenna.

IMPORTANT: Always perform a "walk" test to verify coverage before using a wireless system during a performance. Experiment with antenna placement to find the optimum location for the P360.

NOTE: For additional technical assistance, please visit line6.com/support.

SPECIFICATIONS

Power Source
Remote 2.8 min - 3.6 max Vdc at antenna via cable connection to receiver

Power Consumption
0.2 W (3 Vdc)

Antenna Gain
3.3dB max

Amplifier Gain
Gain Switch at 25': 3dB ± 2dB
Gain Switch at 50': 12dB ± 2dB
Gain Switch at 100': 23dB ± 2dB

Reception Pattern
Omnidirectional

Connector
Female, BNC-type

Dimensions
5.85 in. (148.6 mm) x 3.9 in. (100 mm)

Stand Adapter
Mic clip standard 5/8 in. -27 thread

Net Weight (without cable)
2.6 oz. (74 grams)