



Wireless Intercom Systems

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XT-1 Installation Best Practices

In order to maximize your time as an installer, use the following best practices for the setup and installation of the XT-1 Digital Wireless System.

PreAmp Setting

If you are using the provided 3M Microphone and the 20 AWG cable, set the PreAmp factory setting to 5. If an 18 AWG cable is used, set the PreAmp setting to 3. If a 22 AWG cable is used, set the PreAmp setting to 7.

Volume Control

If you are using the provided 3M Mic and you set the preamp to a value over 10, that may cause distortion and echoes on the inbound channel. If the customer wants the inbound at a higher volume level, set the inbound volume control to a higher level, or show the customer how to increase the headset volume. Do not increase the volume using the PreAmp. The PreAmp is designed to optimize the XT-1 and the Microphone and should not be used to increase the volume level.

Optimizing the Installation

The following steps will minimize the possibility of customer complaints and may decrease your installation time:

1. Power Supply Mounting – mount the power supply in a safe place where it will not get disconnected.
2. Strain relieve all connections – the XT-1 was designed so that all connections would be strain relieved and therefore minimizing the chance of a connector being disconnected.
3. Uninterruptible Power Supply (UPS) – adding a UPS will make the XT-1 a more reliable system by increasing the uptime of the system, as well as providing a cleaner power source.
4. Pre Install Checklist
5. Installation Checklist
6. Remove Microphone Cover (adhesive disk protecting the front of mic)

Echo/Delay

1. During the first ½ second of each order, there may be a delay when the Order Taker starts to speak.
2. There may be a delay if a vehicle moves during an order. This usually happens at the end of an order when the Order Taker is telling the total to the customer.

If a delay lasts more than a ½ second, refer to the flowchart below:

Echo/Delay Cancelation Flowchart

