

CELL PHONE INTERFACE INSTRUCTIONS

REQUIREMENTS:

1. The Cell Phone **MUST** have complete hands-free capability (i.e. a jack to interface the receive and transmit audio of the intercom into, and out from., the cell phone). If the phone does **NOT** have this capability, **IT CANNOT BE INTERFACED WITH A FIRECOM INTERCOM SYSTEM.**
2. A Firecom 110, 210, 3000C or a 3010 Series Intercom.
Interfacing a 3000A or a 3000B intercom with a Cell Phone is NOT recommended.
3. A MR-0X Mobile Radio Interface Cable.
4. The appropriate plugs/jacks to interface with the Cell Phone.
5. A knowledge of which inputs/outputs are provided on the Cell Phone
6. A Radio-Transmit Headset **MUST** be used. An Intercom-Only headset will **NOT** be able to transmit on a cell phone.

INSTALLATION:

1. Install the Intercom system according to the instructions in the Installation Manual for the intercom.
2. The Cell Phone is interfaced to the Intercom using a MR-0X Mobile Radio Interface Cable.
3. Using the information contained in the table, connect the appropriate wires to the appropriate places on the Cell Phone/Jack to interface with the Cell Phone.

There are 2 different combination of wire colors that may be present on the MR-0X. Refer to the table at the right that reflects the wire colors present on the MR-0X you are using.

4. Plug the 9-Pin plug on the MR-0X into the jack on the rear of the intercom.

Make sure to tighten the 2 screws on the plug of the MR-0X. If these screws are not tightened, the 9-Pin plug may vibrate loose and cause problems with transmission, reception and other interface problems.

5. Perform the appropriate adjustments for the Transmit Audio and Receive Audio as outlined in the Intercom Installation Manual.

VERY IMPORTANT!!!! Failure to properly perform these adjustments as directed may result in problems hearing and in transmitting when using the intercom system.

MR-0X Interface Wiring			
Pin #	Wire Color	System Function	Phone Connection
1	Brown	Transmit Audio Hi	Mic Hi
2	Red	Transmit Audio Lo	Mic Lo
3	Orange	No Connection	-----
4	Yellow	No Connection	-----
5	Green	No Connection	-----
6	Blue	Receive Audio Hi	Receive Audio Hi
7	Violet	Receive Audio Lo	Receive Audio Lo
8	Gray	No Connection	-----
9	Black	No Connection	-----

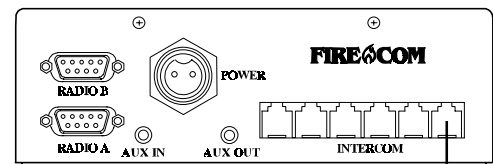
OPERATION:

- When properly installed and interfaced, you will be able to hear the Cell Phone from ALL headset positions in the intercom system.
- The Red PTT on the headset **MUST** be pressed to talk on the Cell Phone, unless the "Full-Duplex Mod" is installed (see below).

THE FULL-DUPLEX MOD:

The "Full-Duplex Mod" is a factory modification which can be installed on a 3020 or 3025. With this Modification, the Cell Phone should be interfaced into the "Radio B" port on the intercom. When Radio B is selected, the intercom will automatically key the radio for the headset position on the back of the intercom shown in the diagram to the right. Any other Radio-Transmit headset may also speak on the Cell Phone by pressing the Red PTT on the headset.

This modification CANNOT be installed in the field. The intercom MUST be modified at Firecom.



This position will be keyed.

3020 & 3025 Rear Panel.



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