



MRD RF - 700

USER MANUAL



March 2003

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Operation as a Manual Reset Device (MRD)

Starting/Resetting a Transmitter

The officer should bring the following equipment to a transmitter installation:

- ☐ Transmitter
- ☐ Male and female Clips
- ☐ MRD
- ☐ Strap holder
- ☐ Locking tool
- ☐ Flat-head screwdriver

Calibration of the transmitter

Before any transmitter installation, the transmitter has to be turned-on and calibrated. When the HMRU is connected, do the following:

1. Stand next to the HMRU to be able to hear the audible confirmation of the calibration.
2. Hold the transmitter in your hand with the 4 metal pins (2 pairs, along the strap) pointing forward.
3. Hold the MRD in your other hand, with the black button pointing toward the end of the strap.
4. Press the MRD down over one of the pairs of metal pins (it does not matter which) with the two touch points on the MRD matching the pair of metal pins on the transmitter.

5. To turn-on (or reset) the transmitter press the RED ON button down for one second, the red light turns steadily ON for two (2) seconds.
6. If the transmitter successfully received the reset command the red light, on the MRD, will **flash** for two (2) seconds.
7. Note that if the transmitter has failed to receive the reset command the red light will **turn off** after the initial two (2) seconds of being ON.
8. If the MRD battery is low the red light will immediately flash for two (2) seconds, once the red button is pressed. (No command is sent to the transmitter).

Place the transmitter on the side on a **non-metal table** and wait 30 to 60 seconds, until audible beeps are heard from the HMRU. These beeps mean that the transmitter has successfully completed its self-calibration process and is ready to be mounted on the offender.

Turning a Transmitter OFF

The MRD is used for turning the transmitter off, after it has been removed from the offender. To remove the Transmitter perform the following steps:

1. Check to see if the Clip has been tampered with.

Be aware of the following signs:

- Cracks on the clips.
- Broken pins.
- Sign of adhesive or glue.

2. Use a screwdriver to brake the disposable Clips.

Be careful not to damage or cut the strap.

3. Collect all the fragments of the Clip. Do not leave disposable items.
4. Don't forget the Strap Holder.
5. To turn off the transmitter perform the following:
 - ☐ Hold the transmitter in your hand with the 4 metal pins (2 pairs, along the strap) pointing forward.

- Hold the MRD in your other hand, with the black button pointing toward the end of the strap.
- Press the MRD down over one of the pairs of metal pins (it does not matter which) with the two touch points on the MRD matching the pair of metal pins on the transmitter.
- To turn the transmitter off, press the BLACK OFF button down for one second, the red light turns steadily ON for two (2) seconds.
- If the transmitter successfully received the shut down command the red light on the MRD will **flash** for two (2) seconds.
- Note that if the transmitter has failed to receive the shut down command the red light will turn off after the initial two (2) seconds of being ON.
- If the MRD battery is low the red light will immediately flash for two (2) seconds, once the red button is pressed. (No command is sent to the transmitter).

Operation as a Panic Button

The Panic MRD provides the officer with the capability to report entering and leaving the offender's premises, as well as sending an officer-in-distress signal.

To signal 'Entering an Offender's Premises'

Press the black IN button.

To signal 'Leaving an Offender's Premises'

Press the black OUT button.

To signal 'Officer In Distress'

Press the big RED button.

FCC Notice

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one or more of the following measures:

- ☐ Reorient or relocate the receiving antenna.
- ☐ Increase the separation between the equipment and receiver.
- ☐ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ☐ Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any changes or modifications to this equipment not expressly approved by Elmo Tech Ltd could void the user's authority to operate the equipment.