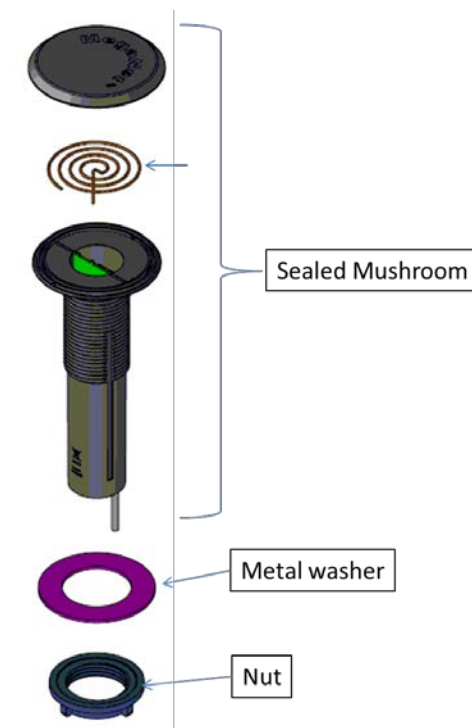


MTPIT Installation Manual

1. General Description:

The MTPIT is for PIT installation. Before installation check if you have all the MTPIT parts:

1. The mushroom shape plastic. Check that the unit is not damaged e.g. there are no scratches or Cracks.
2. Metal washer.
3. Plastic Nut.
4. Cable with NICOR connector. Check the connector pins are straight.
5. Check if there is enough space for the unit beneath the PIT cover.



2. Unit installation

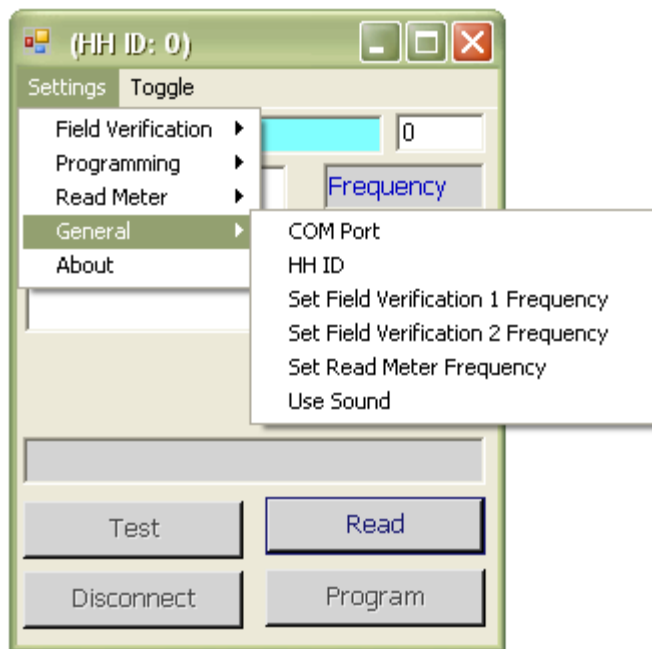
1. Remove and separate the metal washer and the Nut from the mushroom.

2. Insert the mushroom through the cover hole, first the cable.
3. Screw the Nut with the metal washer above. Tied the Nut not too much – just be sure that mushroom is tied to the pit cover.
4. Place the cover on the pit carefully and verify that nothing touches it.
5. Remove the pit cover and place it on the upper cover side so the mushroom i.e. ups down.
6. Connect the cable with the meter cable. Make sure that the two connector ration before pushing one in the other.
7. Place the lid back and cover the pit.

3. PDA using

The MTPIT is sealed without any visual indication e.g. LED. The unit functionality should be inspected before leaving the pit site. The MTPIT is in a very low energy. To wake up the unit for testing a magnet should be approach the upper side on the unit from the outside. The MTPIT wakes for shot time waiting from a wireless prompt from the PDA.

4. PDA setting.



Com Port - To choose the right RSINT05 port.

HH ID - To choose the PDA ID (Paring communication).

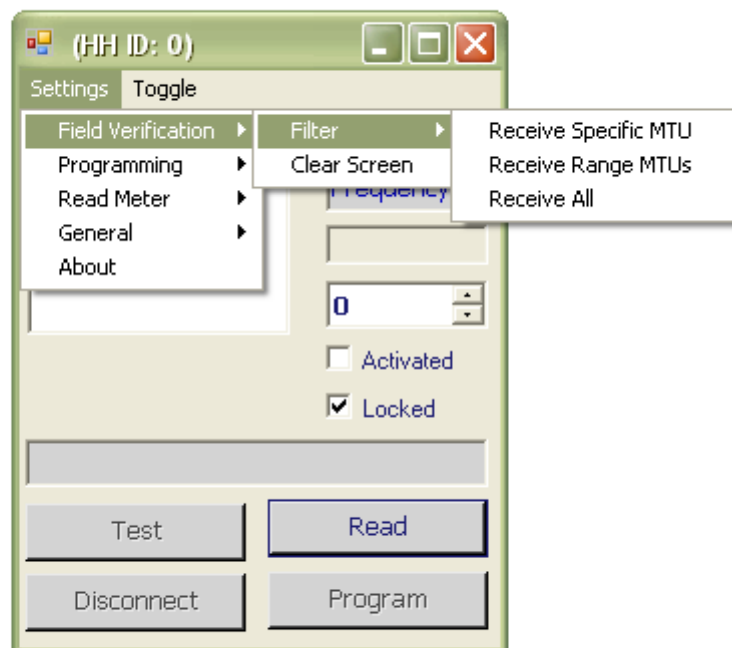
Set Field Verification 1 Frequency - To choose the first repeaters frequency.

Set Field Verification 2 Frequency - To choose the second repeaters frequency.

Set Read Meter Frequency - To choose the meter frequency.

Use Sound – Turn on/off sound on received message.

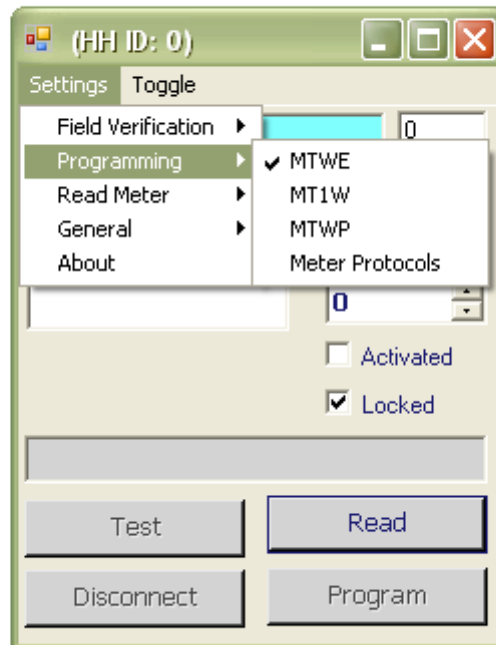
Field Verification (Receive messages from repeaters):



Filter - Set filter (to receive certain address \ receive a range of addresses \ receive all messages the on the air).

Clear Screen – Delete received messages from the screen.

5. Programming:



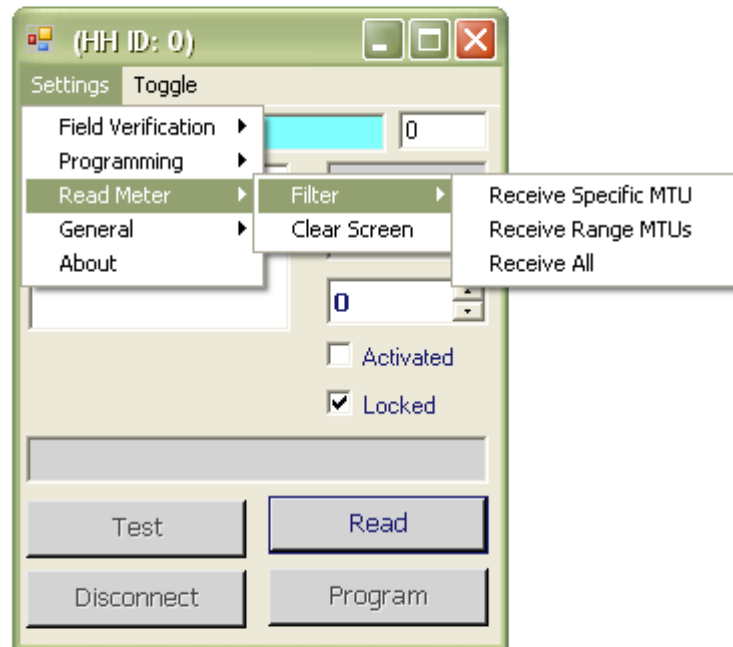
MTWE – For programming encoder transmitters.

MT1W - For programming MT1W transmitters.

MTWP - For programming Pulse transmitters.

Meter Protocols – Show all meters protocols.

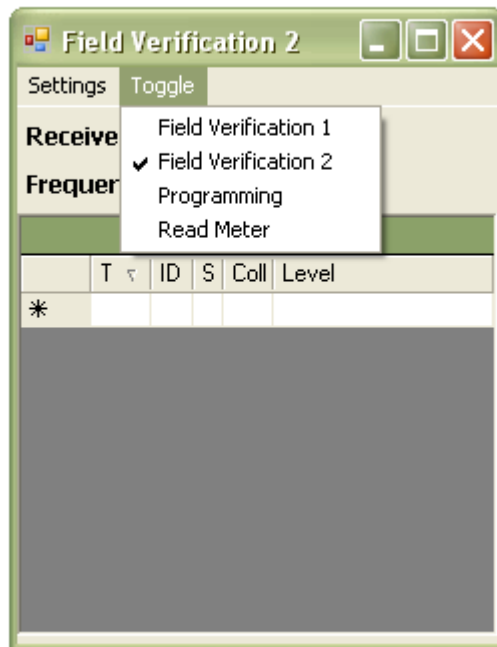
Read Meter (Receive messages directly from the transmitters):



Filter - Set filter (to receive certain address \ receive a range of addresses \ receive all messages the on the air).

Clear Screen – Delete received messages from the screen.

Toggle (Switch between screens):

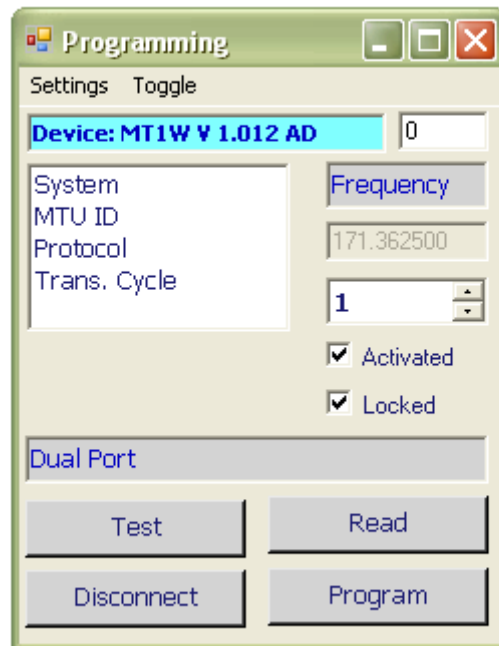


Field Verification 1 - Displays the incoming messages that received on first Frequency.

Field Verification 2 - Displays the incoming messages that received on second Frequency.

Read Meter - Displays the incoming messages that received on meters frequency.

Programming (For transmitters reading and programming):



The top of the screen shows the type of transmitter, version and its parameters

The lower part of the screen is for programming.

Read - Read parameters from the transmitter.

Program - Programming new parameters in the transmitter.

Test - Transmit Test message (VHF/UHF).

Disconnect -End Communications.

FCC Part 15.19 Warning Statement- (Required for all Part 15 devices)

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

FCC Part 15.21 Warning Statement-

NOTE: THE **GRANTEE** IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

FCC Part 15.105(b) Warning Statement- (ONLY Required for 15.109-JBP devices)

NOTE: This equipment has been tested and found to comply with the limits for 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 equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment 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 try 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.

This device complies with the Federal Communications Commission (FCC) RF Exposure limits for Occupational Use/Controlled Environment. The antenna for this device is an integrated PCB trace antenna. The user should maintain a minimum safe distance of 20 cm (7.85 inches) to satisfy all RF Exposure requirements.