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GME TH10 Telephone
Intercom System

# GME TH10 Telephone Intercom System Instruction Manual

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**GME TH10 Telephone Intercom System**

## INTRODUCTION

The GME TH10 is a telephone style intercom unit suitable for both land based and marine installations where wired communications is required between two or more locations. Individually numbered buttons allow selective paging of up to 10 stations.
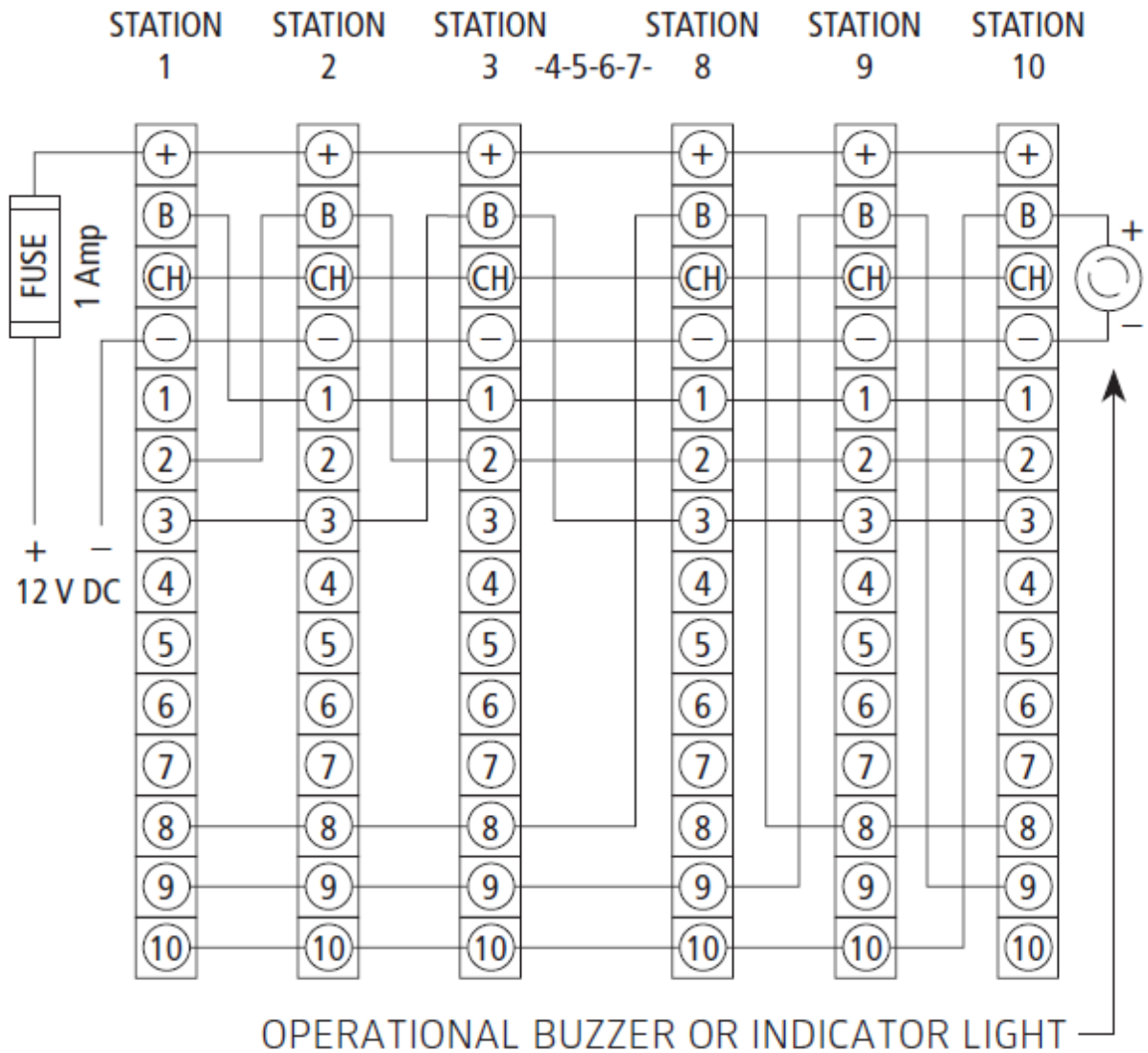
## INSTALLATION

### WIRING

To prevent loss of performance, the wire used should have a minimum diameter of 0.5 mm and should be no more than 500 meters in length. To determine the number of wires required, use the following formula:

No. of Stations + 3 = number of wires

(e.g. 5 stations + 3 = 8 wires)

1. Remove the screw in the mouthpiece recess of the case and lift the case clear.

2. Feed the cables through the hole in the centre of the case bottom and after removing the insulation from the end of each wire, connect them to the terminal block inside the intercom according to Figure 1.

3. To help eliminate wiring errors, connect each intercom in sequence, then test each installation before proceeding to the next. This allows you to identify and correct any wiring errors as you go.

## Figure 1



**MOUNTING**

The TH10 may be installed on any flat surface using the mounting bracket supplied. Position the bracket in the desired location with the mounting lugs protruding outwards and upwards, and secure with two 3 mm diameter screws. Place the TH10 over the four protruding lugs so that they locate in the slots in the case bottom, and slide the Intercom downward until it locks. To remove, use the reverse procedure.

**POWER REQUIREMENTS**

The TH10 requires a 12 volt DC power supply. The supply used will depend on your installation.

**MARINE INSTALLATIONS**

The TH10 can be connected directly to the 12 volt battery on board your boat using a FUSED power lead.

1. Connect the RED lead to the '+' on the terminal block.

2. Connect the BLACK lead to the '-' on the terminal block.

**LAND BASED INSTALLATIONS**

The TH10 should be connected directly to a 12 volt DC power supply capable of at least 100 mA.

1. Connect the positive output from the 12V supply to the '+' on the terminal block.

2. Connect the negative output from the 12V supply to the '–' on the terminal block.

**OPTIONAL EXTERNAL BUZZER**
In high noise environments, it may be necessary to install an external buzzer so that the station being called can be alerted. Any low current 12 volt buzzer can be used. The buzzer should be connected to the terminal block inside the intercom so that the POSITIVE wire of the buzzer connects to 'B' and the NEGATIVE wire of the buzzer connects to '-' as shown in Figure 1.

**ID LABEL**
Write or type the station's call number on the label supplied, peel off the backing, and apply to the unit in a visible location.

## OPERATION

1. Pick up the handset and momentarily press the button corresponding to the station you wish to call. The buzzer will sound at the called station.
2. The person being called can then pick up the handset and talk in the usual manner.
3. When you have finished, place the handset back onto the base.

**Note**: The system has been designed so that during a conversation, any handset in the system can be lifted from its base and used to join in.

## SPECIFICATIONS

- **Power Supply:** 12 volts DC @ 100 mA
- **Maximum Cable Length:** 500 metres
- **No. of wires required:** Min 5 (2 Stations)

## GME CONTRACT WARRANTY AGAINST DEFECTS

This warranty against defects is given by GME Pty Ltd ACN 000 346 814 (We, us, our or GME). Our contact details are set out in clause 2.7. This warranty statement only applies to products purchased in Australia. Please contact your local GME distributor for products sold outside of Australia. Local distributor details at www.gme.net.au/export.

**Consumer guarantees**

1. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
2. To the extent we are able; we exclude all other conditions, warranties and obligations which would otherwise be implied.

**Warranty against defects**

1. This warranty is in addition to and does not limit, exclude or restrict your rights under the Competition and Consumer Act 2010 (Australia) or any other mandatory protection laws that may apply.

2. We warrant our goods to be free from defects in materials and workmanship for the warranty period (see warranty table) from the date of original sale (or another period we agree to in writing). Subject to our obligations under clause 1.2, we will at our option, either repair or replace goods which we are satisfied are defective. We warrant any replacement parts for the remainder of the period of warranty for the goods into which they are incorporated.

3. To the extent permitted by law, our sole liability for breach of a condition, warranty or other obligation implied by law is limited.

    1. In the case of goods we supply, to any one of the following as we decide –

        (i) The replacement of the goods or the supply of equivalent goods;

        (ii) The repair of the goods;

        (iii) The cost of repairing the goods or of acquiring equivalent goods;

    2. In the case of services we supply, to any one of the following as we decide

        (i) The supplying of the services again;

        (ii) The cost of having the services supplied again.

4. For repairs outside the warranty period, we warrant our repairs to be free from defects in materials and workmanship for three months from the date of the original repair. We agree to re-repair or replace (at our option) any materials or workmanship which we are satisfied are defective.

5. We warrant that we will perform services with reasonable care and skill and agree to investigate any complaint regarding our services made in good faith. If we are satisfied that the complaint is justified, and as our sole liability to you under this warranty (to the extent permitted at law), we agree to supply those services again at no extra charge to you.

6. To make a warranty claim you must before the end of the applicable warranty period (see warranty table), at your own cost, return the goods you allege are defective, provide written details of the defect, and give us an original or copy of the sales invoice or some other evidence showing details of the transaction.

7. **Send your claim to:** GME Pty Ltd.

    PO Box 96 Winston Hills, NSW 2153, Australia. Tel: (02) 8867 6000 Fax: (02) 8867 6199 Email: **servadmin@gme.net.au**

8. If we determine that your goods are defective, we will pay for the cost of returning the repaired or replaced goods to you, and reimburse you for your reasonable expenses of sending your warranty claim to us.

**What this warranty does not cover**
This warranty will not apply in relation to:

- Goods modified or altered in any way;
- Defects and damage caused by use with non GME products;
- Repairs performed other than by our authorised representative;
- Defects or damage resulting from misuse, accident, impact or neglect;
- Goods improperly installed or used in a manner contrary to the relevant instruction manual; or
- Goods where the serial number has been removed or made illegal.
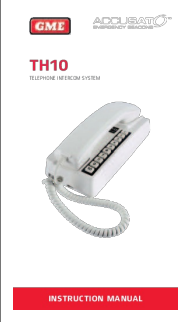
**Warranty period**
We provide the following warranty on GME and Kingray products. No repair or replacement during the warranty period will renew or extend the warranty period past the period from original date of purchase.

| PRODUCT TYPE | WARRANTY PERIOD |
|---|---|
| TELEPHONE INTERCOM | 1 year |

**[gme.net.au](gme.net.au)**
GME Pty Ltd

## Documents / Resources



**GME TH10 Telephone Intercom System** [pdf] Instruction Manual
TH10 Telephone Intercom System, TH10, Telephone Intercom System, Intercom System, System

## References

- **GME Australia | EPIRBS - Handheld Radios - Antennas - Power Products**
- **User Manual**