

TWO WAY TALK BACK SYSTEM

You Talk, I Talk & Two Way Talk

(Provision for 8/16 Zone)

Expandable to Higher Number of Zones, upto 99, As per Specific requirement

MODEL: MTS: TBS

PRODUCT DESCRIPTION

Two Way Talk back Systems are installed in Industry, Infrastructure to allow the occupants to initiate a call request to the Control Room from Talk Back Speakers, in case of emergency.

TECHNICAL SPECIFICATIONS

Control Unit: Mains Supply 230VAC $\pm 10\%$

Operating Voltage

12VDC Relay Switching

5VDC Micro Controller

Control to Console

12V and 5VDC

RS485 Communication

PRODUCT CONSTRUCTION

The enclosure is of CRCA Sheet construction with powder coated finish. The Provision for Cable entry, at the Top of Cabinet is of Size 17 mm dia, Knock outs.

Two Way Talk Back System Comprises

Control Unit

Console Unit

Amplifier

Goose Neck Mic

Talk Back Speakers with Call Facility

Functional and Operational Role of Units in TBS

I. Control Unit Supports Establishment of

a) Communication through Line Activation b) Incoming and Outgoing Mode c) Multiple Zone Switching

ii. Console Unit: Call & Answer

Provides Input to operate Talk Back System.

The Console Unit plays significant role in operation of TBS and Consists of keypad with 17 Push Buttons.

Purpose of Buttons: Numbering from 0 to 9, for Zone selection.

iii. Speaker: Built-in with Console Unit.

iv. Goose Neck Mic: Provision to Mount with Console Unit.

v. Talk Back Speakers with LED Indication Facility: Call /Listen

vi. Amplifier Capacity and Selection: Based on Number of Speakers and Wattage.

PRODUCT FEATURES

- Display 2x16 LCD : System Operational Status
- Incoming Call : Zone Number
- Outgoing Call : All or Selected Zone or Zones
- Functional Mode : Speak/Listen
- Console Keypad : Momentary SMD Push Buttons
- No of Zones can be expandable up to 99
- Touch Pad based console unit (Optional)
- Group calling facility
- Two way Talk provision: In **Listen Mode** by pressing **Listen** Button to switch to **Speak Mode**, and again press same Button to **Listen Mode**.
- Console Unit can support from 1 to 99 zones
- Provision of Led indication in Speaker, for active status of the call
- Direct listen facility from Console unit

Exclusive Feature

Multiple Zone Listen Facility

In the event of receipt of call, simultaneously from some other Zone/Zones, Press **Listen** Button to continue to be in **Listen Mode**. Press the same Button to switch to **Speak Mode** and talk to Multiple callers.

