



**Autometers Alliance Ltd**

# EMERGENCY TALK BACK SYSTEM



## General Description

LCD based Emergency Talk Back (ETB) system. It has two units ETB Console & ETB Passenger Unit. In case of emergency in train, Passenger can communicate with guard / driver by pressing emergency switch of ETB Passenger Unit.

ETB system has full duplex audio communication between passenger & guard / driver.

All the emergency communications are recorded in ETB console & can be downloaded through USB for further analysis.

The system is a rugged and Compact Unit that requires cable connections for power supply, data & audio signals. Power supply required for operation of the unit is 110V DC (typical).

In confirming to RDSO standard specification no. RDSO/PE/SPEC/EMU/019/2018-Rev-0.

## Technical Specifications

Customized design to meet relevant standards for rolling stock applications.

Power supply 110V DC typical

Operating temperature upto 70°C

Display 7" touch screen LCD

Data interface RS485 Communication, USB, GPRS

Audio interface Full duplex communication



### Applications

Emergency communication in  
Metro / EMU / MEMU train.

### Technical Features

- 7" Touch Screen for better visibility & easy operation.
- LCD brightness control & volume control.
- Easy mounting.
- To identification of location of ETB passenger unit.
- Communication & time synchronisation through GPS.
- Elegant mechanical enclosure (SS) and fixings to meet application requirements.
- Low power consumption.
- Driver / guard & passenger communication recording.
- Cab to cab communications.
- Health monitoring feature.



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