

## TR86

TOUCH REMOTE CONTROL PANEL

FOR RZ45 AUDIO MATRIX

Item ref: 953.050UK

User Manual



Caution: Please read this manual carefully before operating  
Damage caused by misuse is not covered by the warranty

### Introduction

The Aداstra TR86 touch remote control panel is designed specifically to operate with the RZ45 Remote Zoning Audio Matrix. Please read through the following information to avoid incorrect installation and operation of the TR86 and keep this manual for future reference.

### Safety

- Only connect as described directly to the RZ45 main unit via 8P8C (RJ45) connection
- For extended power, use only a regulated 24Vdc power supply

### Placement

- The TR86 can be installed in a stud wall or surface mounted into a back box
- Ensure adequate space behind the panel for the RJ45 connector and any other connected wiring
- Keep the rear housing and connections protected from moisture and dust ingress

### Cleaning

- Use a soft cloth with a neutral detergent to clean the front panel as required
- Do not use solvents for cleaning the unit

### Installation

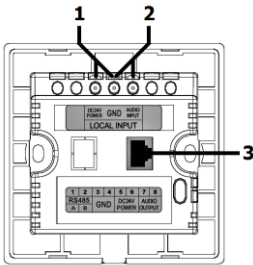
Prepare the TR86 for installation by detaching the toughened glass front plate from the rear housing. The front plate is secured by clips around the edge. A single gang pattress box is provided but other types may be used, providing that they have adequate mounting depth.

Install the back box in or on the wall at an accessible height, ensuring that the 8-core control cable (4 x twisted pair) is fed from the RZ45 and terminate with an 8P8C (RJ45) connector as required.

If the control cable run is longer than 100m a local 24Vdc power supply is required. This will allow the TR86 cable to the RZ45 main unit to be as long as 1km.

If a local audio source is being connected, ensure that this is also fed through the back box.

## Connections



1. Local 24Vdc power input
2. Local audio input (mono, line level)
3. RJ45 socket

Plug in the 8P8C connector from the 8-core control cable into the RJ45 socket on the rear of the housing (3).

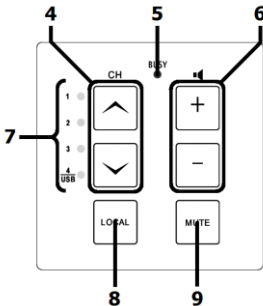
If local 24Vdc power is being used...

Connect the + wire to the "DC24V POWER" terminal Connect the - wire to the "GND" terminal (1)

If a local audio signal is being connected...

Connect the + wire to the "AUDIO INPUT" terminal Connect the - wire to the "GND" terminal (1)

## Operation



To operate the TR86, touch or tap buttons as detailed below.

4. CH ▲ and ▼ step through audio sources (Line 1-4) for the zone
5. BUSY indicator is lit during paging or emergency alerts
6. + and - increase or decrease output volume in steps
7. Audio source indicators light to show which source is selected
8. LOCAL – touch to switch to local audio input (if connected)
9. MUTE – touch to mute or un-mute all output for the zone.

Backlights for LOCAL and MUTE buttons will be lit when active.

## Specifications

Power supply	24Vdc (from RZ45 or external power adaptor)
Connection	8P8C (RJ45)
Terminals	Local +24V, Ground, Local line input
Controls	Sources 1-4 (USB), Local, Mute, Level +/-
Mounting depth	38mm
Dimensions	86 x 86 x 38mm
Weight	128g



**Disposal:** The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.  
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