IRIS/SIMPO Repeater Panel, Model: TFT
Quick Installation Manual

Enclosure Box
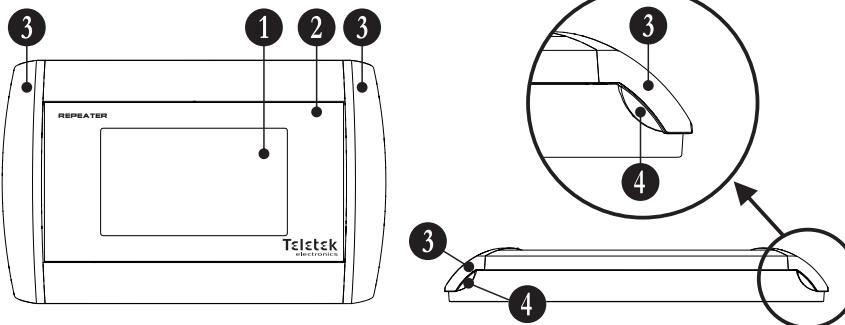

1 - TFT color screen; 2 - Front cover; 3 - Side covers; 4 - Clip

Opening
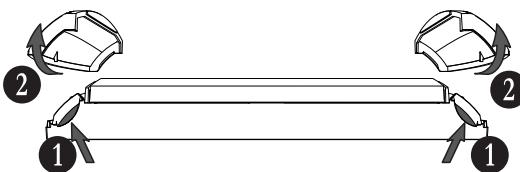
1 - Press the clip;
2 - Pull up the side covers

Closing
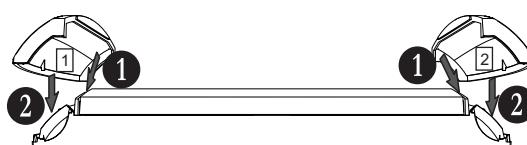
1 - Mount the top of the side cover to the box bottom;
2 - Press down the side cover until a click is heard.
Note: Observe the position of the side covers on the back - 1 is the left covers and 2 is the right cover.

ATTENTION!
Operation with Repeater Panel, model TFT, is supported for the following revisions:

IRIS Fire Alarm Panel
LCD PCB Hardware revision: 2.4 and higher
MAIN Board Firmware revision: 4.2 and higher

SIMPO Fire Alarm Panel
MAIN Board Firmware revision: 2.8 and higher

iRIS8 Fire Alarm Panel
MAIN Board Firmware revision: 1.0 and higher

Removing the front cover
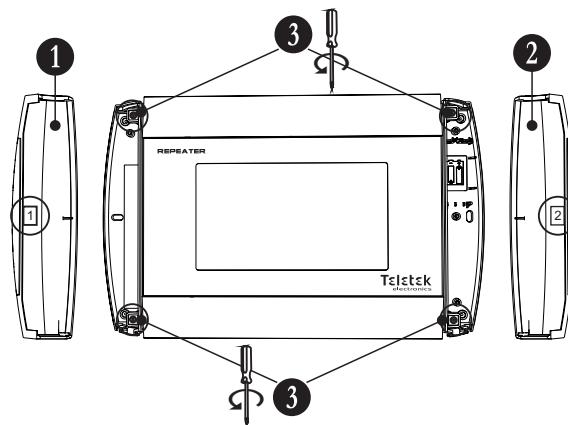
1 - Left side cover. Mark "1" on the back.
2 - Right side cover. Mark "2" on the back.
3 - Undo the screws to remove the front cover.
Note: Be careful not to damage the TFT screen!

PCB Elements

1 - 24V DC Power supply
2 - RS485 interface
3 - LED indication for RS485 interface
  - Normal mode - blinking
  - Trouble mode - lighting on
4 - LAN interface
5 - USB interface
6 - Restore Defaults jumper
7 - Built-in battery
  Jumper BTR must be set.
8 - Built-in sound buzzer

Technical Characteristics:

Power Supply: (24 ± 4) VDC
Max. consumption: 0.4 A
Communication - LAN/RS485

Twisted pair cable:
- Length - max. 1000m
  (between repeater - fire panel)
- Cross Section - 0.5 - 2.5mm^2

LAN Interface

③ IN
Central Commun.
OUT

② IN Tx
Comm.
Line Rx
RS485 Interface
OUT Tx
Comm.
Line Rx

① 24V DC Power Supply

IN
OUT
POWER

TFT Color Screen

⑤
⑥
BTR
⑦
BATT 3V
⑧

Connection Diagram

Repeater Panel

IN   OUT
Tx Rx   Tx Rx
+ - + -   + - + -   ⏚ -

IRIS Fire Alarm Panel
Module 1 Redundant Network

IN   OUT
Rx Tx   Rx Tx
+ - + -   + - + -

SIMPO Fire Alarm Panel
Module 2 Redundant Network

IN   OUT
Rx Tx   Rx Tx
+ - + -   + - + -

+ Rx
- Rx
+ Tx
- Tx

- Rx
+ Rx
- Tx
+ Tx

< 1000 m.   < 1000 m.   < 1000 m.