



# ALPHA RE

## Remote control panel

- **Alphanumeric remote user interface panel with RS485 serial connection**

**ALPHA RE** is a repeater panel that can be connected to a single **SD3 FDS** (Fire Detection System) in order to **report 4 types of event: alarm, pre alarm, fault, disabling**.

**ALPHA RE** has a good looking and compact housing and it is to be connected to the power supply bus of SD3 FDS if the power balances allows it. Otherwise, it can be connected to a battery backup external power supply.

**ALPHA RE** manages two operating modes:

- **GENERAL OPERATION:** the events displayed on the **ALPHA RE** cover **all the zones**
- **SELECTIVE OPERATION:** the events displayed are filtered according to the zones that you have chosen to see the events of. Only the information concerning the selected zones is stored. The other data are ignored.

For **both operating modes** the events displayed are: **Fault, alarm, pre alarm, disabling**

**ALPHA RE** registers the **ten last events** concerned by each event and displays the following information: **Zone n°/Module n°/address n°, date/time, and label of the point**.

Also **ALPHA RE** is able to repeat the general fault status of the FDS.



### Main characteristics

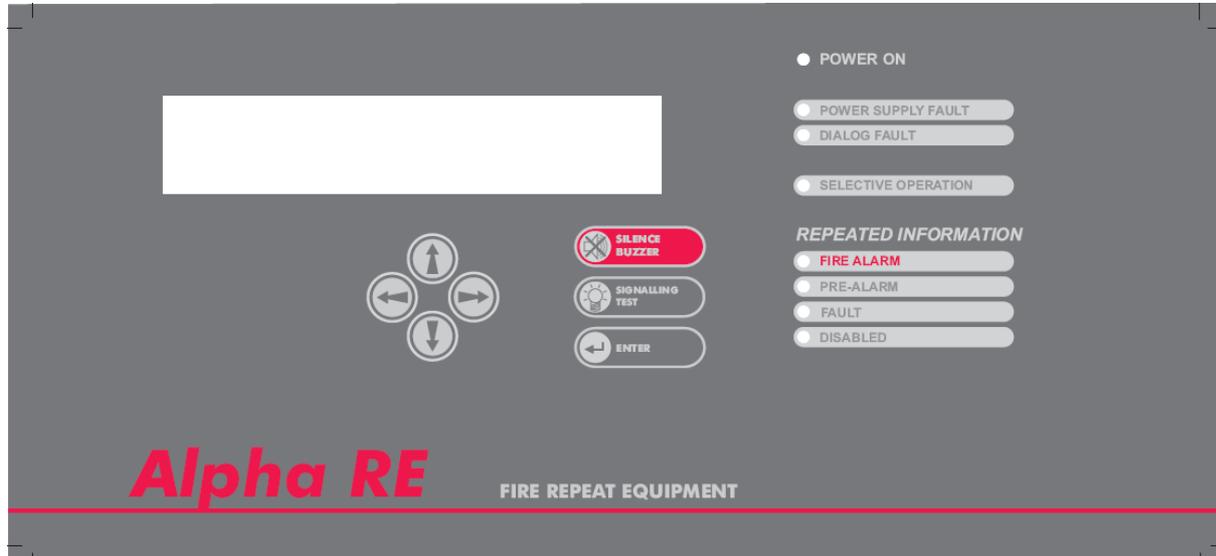
- LCD 4 x 40
- RS485 connection
- Selective operation
- Distance between 2 ALPHA RE or between ALPHA RE and FDS: 900m

<b>Electrical specification</b>	
Operating voltage	From 15V to 30Vdc (24V nominal)
RS485 wiring	700m max. with shielded pairs section 0,7mm <sup>2</sup> to 1,5mm <sup>2</sup>
Consumption	Standby: 0,05A Alarm: 0,2A at 15V 0,13A at 24V 0,1A at 30V
Monitoring	The local power supply can be checked by the "Mains fault" and "Battery fault" inputs.
<b>Mechanical characteristics</b>	
Dimensions	370 x 55 x 170 mm (W x D x H)
Weight	2Kg
Unit colour	Gray
IP rating	IP30
<b>Climatic characteristics</b>	
Operating temperature	-10°C to +50°C
Operating relative humidity	≤93%
Storage temperature	+10°C to +50°C
Storage relative humidity	≤85%

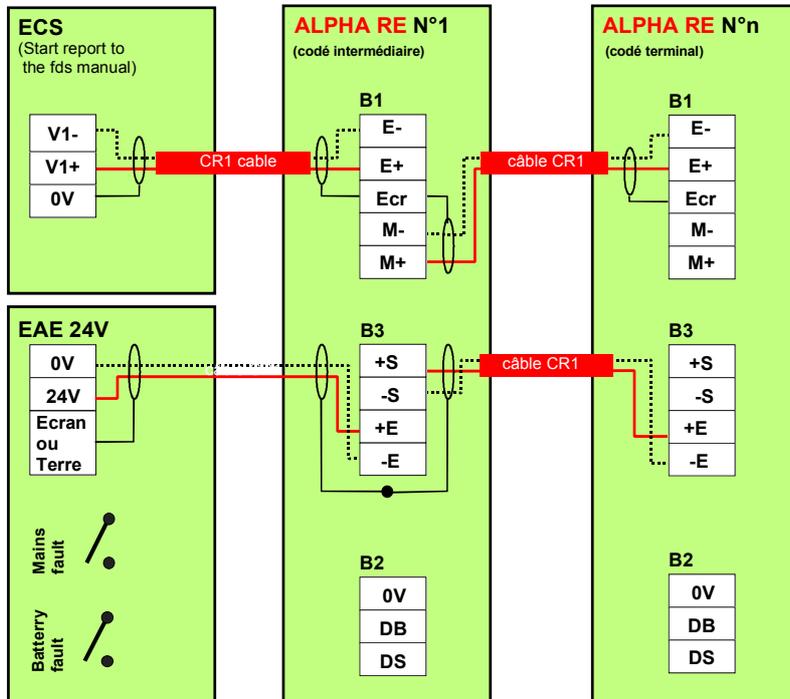


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### Connection Diagram



### Communication protocol

Type	Cable	Start	Alpha RE
RS485	1 pair 8/10 shielded maximum distance 700m between devices.	Héphaïs 128: FMC1	9600 Bauds and AA
		Héphaïs 400: ISO-RS	9600 Bauds and AA
		Héphaïs 1600	34800 Bauds and AA+

**REFERENCE**  
ALPHA RE

**DESCRIPTION**  
Remote control panel

[www.sd3.fr](http://www.sd3.fr)

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A world of fire detection equipment