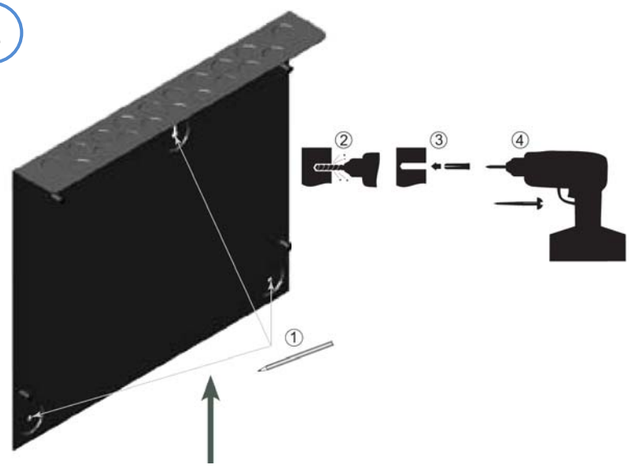
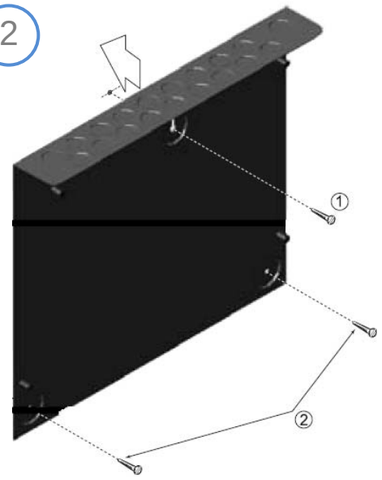
RP1r Supra / Vision Rp1r Plus / ESS RP1r Plus Honeywell

Quick guide - Assembly

1

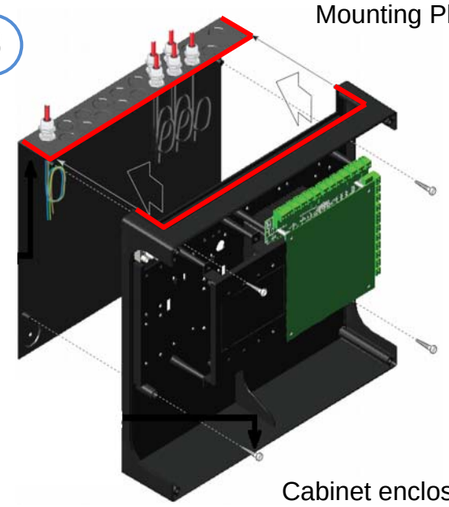


2



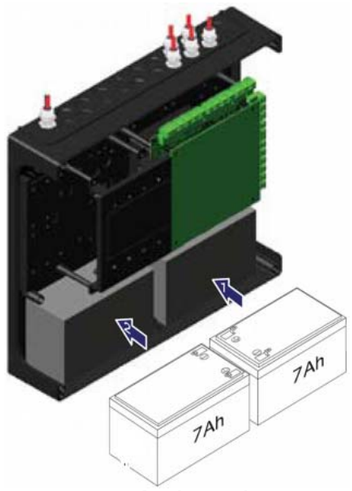
Mounting Plate installation

3



Cabinet enclosure

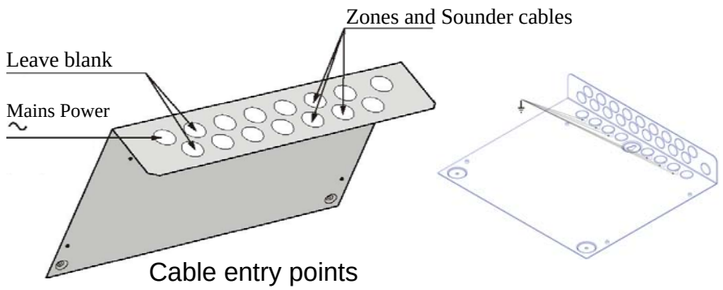
4



Room for batteries

5

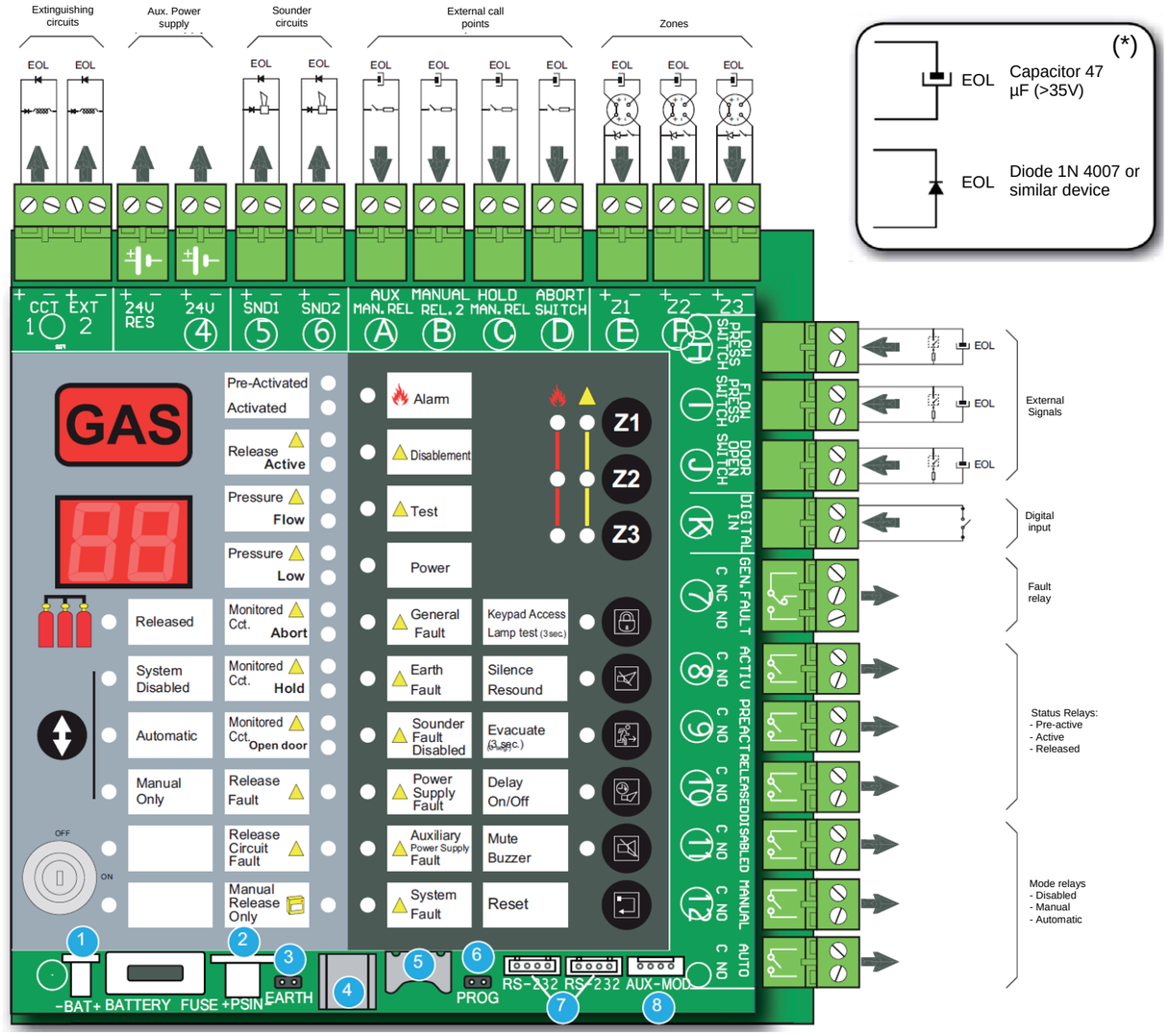




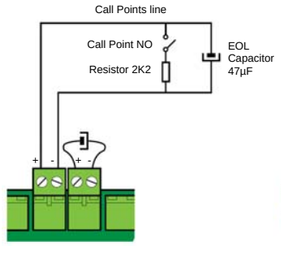
Cable entry points

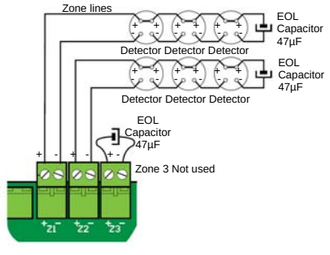
Download Manuals by QR code in Panel label

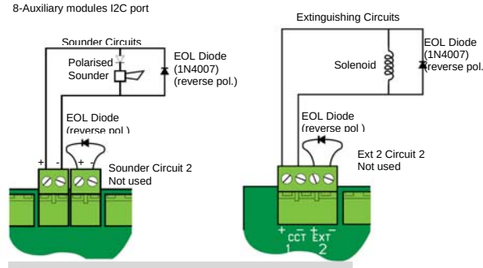
Quick guide - Wiring



1-Batteries 2-Power supply 3-Earth control 4-USB PCB 5-Internal battery 6- Configuration access 7-TTL/232 communications port 8-Auxiliary modules I2C port







Recommended Cables:

Manufacturer	Product name	Part Number	Type
Honeywell	2 x 1,5 LHR	2 x 1,5 LHR	Fire resistant and halogen free
Honeywell	2 x 2,5 LHR	2 x 2,5 LHR	Fire resistant and halogen free

(*) Alternatively, and through the control panel set up, it is possible to use a 6K8 resistor as an End Of Line element for input and output circuits supervision.

Quick guide – Set up options

Note: These configuration options are only available from access level 3. Prog.Jumper

Extinguishing Options

E.t — Extinguishing release delay

UNE-EN 12094-1:2004 standard, section 4.17, describes a delay time before flooding or extinguishing procedure activation called pre-alert or pre-soak time. This time can be modified from 00 to 60 sec., by 5 sec. steps.
Delay "t" for extinguishing (default value: 60 sec.)

Selectable value from 00 to 60 sec.

t.A — Soak time for extinguishing circuit 1

On value introduction mode, dot position is used to calculate total time:
15 = 15 sec.
15 = +100 (115 sec)
15 = +200 (215 sec)

According to UNE-EN 12094-1:2004 regulation, sect on 4.21, there's a soak or flooding time definition for low pressure extinguishing systems.

Selectable value from 05 to 295 sec.	Time while extinguishing circuit remains active (soak time). (With 5 sec. steps)
- -	

P.d — Time in case of manual release

In case extinguishing is released by manual call point, it's possible to set the delay t me before extinguishing

00	Immediate release (Default value)
- -	Same delay as activated by detection, defined by E.t parameter

E.2 — Release for extinguishing circuit 2

Enable/Disable extinguishing circuit 2.

00	Disabled (Default value)
01	Enabled

F.E — Extinguishing repetition

Enable/disable supervision for FLOW PRESS input to decide if release signal should be repeated.
If enabled, and flow press signal remains not active after release, release signal will be repeated up to 3 times. In case of 3 repetitions, the flow press signal remains disabled, control panel will show a fault on extinguishing circuit.

00	Disabled (Default value)
01	Enabled

h.L — Hold device priority

Defines f hold device (HOLD input) is prioritized over release device

00	Release device priority (Default value)
01	Hold device priority

E.F — Extinguishing notification

Defines the "extinguishing is released" status indicator by means of the LED in the front panel.

00	Active LED after E.t (Default value)
- -	Active LED just when LOW PRESS input active

Zone Optioins

C.o — Zone coincidence condition

Defines the alarm combination to make the control panel change into ACTIVE status and start extinguishing sequence.

00	Alarm on Z1 & Z2, or Z3 (default value)
01	Alarm on any zone (Z1 or Z2 or Z3), with extinguishing to one zone
02	Any of the following combinations, with extinguishing to two zones: (Z1 & Z2) or (Z1 & Z3) or (Z2 & Z3)
03	Alarm on ALL zones (Z1 & Z2 & Z3)

C.3 — Mode for Zone 3

Defines f hold device (HOLD input) is prioritized over release device

00	Release device priority (Default value)
01	Hold device priority

A.u — Zone verification

The system provides a period of t me for zone alarm confirmation n order to verify if it's real. Enabling this parameter and, n case there s an alarm on any of the three zones, control panel automatically resets the affected zone and waits up to 10 minutes to confirm this alarm. If alarm s repeated on the same zone, this will be notified immediately. Otherwise the timer will be reset after 10 minutes.

00	Without alarm confirmation (Default value)
01	Whit alarm confirmation

b.r — Resettable ABORT input

(*) UNE-EN 12094-1:2004 non-compliant

According to UNE-EN 12094-1:2004 regulation, sect on 4.27, in case that an emergency abort signal s activated (from an external device connected to ABORT input), the extinguishing signal will be inhibited and a manual reset will be required to enable it again.

00	Abort input latched (Default value)
01	Abort input non latched (*)

O.d — Open door behavior

Defines how control panel reacts on open door input active.

00	Just notification of door state (Default value)
01	Extinguishing release locked until door is closed

I.L — Operating Mode for digital input

Associated function to digital input command:

00	Remote Reset (Default value)
01	Evacuate
02	Mute Sounders
03	Delay ON/OFF
04	Mute Buzzer

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Quick guide – Set up options

Note: These configuration options are only available from access level 3. Prog.Jumper

Sounder Options

S.A — Sounders activation Mode

Defines when sounders are activated:

00	Sounders are activated when PRE-ACTIVE status is present (Default value)
01	Sounders are activated when ACTIVE status is present

S.P — Operating Mode for Sounders

Sounders circuit 2 operates, by default, like sounders circuit 1 (flashing mode), and its frequency depends on panel status:

00	Sounder 2 pulse mode as Sounder 1 (Default value)
01	Sounder 2 is always activate in continuous mode.

S.t — Disabled sounders notification

Defines "Disabled sounders" LED status during sounders delay:
According to UNE-EN 54-2 regulation, sect on 9.4.2c, the delayed should be indicated as a disablement.

00	LED ON at sounders Delay (Default value)
01	LED OFF at sounders Delay

Line Opinions

A.L — Shot-circuit zone mode

(*) UNE-EN54-2:2004 non-compliant

Defines how a short circuit in zone line is indicated by panel:

00	Short-circuit is notified as a fault (Default value)
01	Short-circuit is notified as alarm (*)

L.C — Monitoring Mode for inputs

It allows to choose monitoring input end of Line (EOL):

00	EOL resistive 6K8
01	EOL Capacitive 47µF (Default Value)

H.L — Input for HOLD and ABORT signals

It allows to choose operating mode of HOLD and ABORT inputs:

00	Normally open circuit –NO- (Default value)
01	Normally close circuit -NC-

P.L — Input for LOW PRESS signal

It allows to choose operating mode of LOW PRESS input:

00	Normally open circuit –NO- (Default value)
01	Normally close circuit -NC-

F.L — Input for FLOW PRESS signal

It allows to choose operating mode of FLOW PRESS input:

00	Normally open circuit –NO- (Default value)
01	Normally close circuit -NC-

d.L — Input for OPEN DOOR signal

It allows to choose operating mode of OPEN DOOR input:

00	Normally open circuit –NO- (Default value)
01	Normally close circuit -NC-

i.c — Input for LOW PRESS signal

It allows to choose operating mode of external contact of the Digital input:

00	Normally open circuit –NC- Input is activated when external contact opens
01	Normally close circuit -NO- (Default value) Input is activated when external contact closes

Additional Opinions

r.S — Sounders verification delay

Period of time (n minutes) to verify an alarm from PREACTIVE status sounders activation. If a single zone alarm is activated, this period of time can be used to check the alarm and reset the control panel before the sounders activation.
Time delay until sounders activation (default value **00 min**.)

Selectable value from 00 to 10 minutes.

r.1 — Reset disablement after released

According to UNE-EN 12094-1:2004, sect on 4.12.2, there must be a configurable time gap, from 0 to 30 minutes, since ACTIVE status s not fed and reset s allowed.

- -	Reset Key remains disabled until released is finished or until the time configured in parameter t.A ends (t.A → 0 sec.)
00	Reset is always permitted (Default valu
01 to 30	Reset is inhibited for the configured period time (minutes) after a gas release

F.t — Earth fault level

Defines threshold level to detect earth fault:

00	Low sensitivity
01	Medium sensitivity (Default value)
02	High sensitivity

E.L — Monitoring mode for outputs

It allows to choose monitoring output end of Line (EOL):

00	EOL resistive 6K8
01	EOL Diode (Default Value)

Note: *In order to differentiate if digits displayed in the LCD stand for a parameter or a value (Access level 3), a flashing dot between both digits is used in case of a parameter.*