

# ZR455-3W

## ZR455-3W RADIO SOUNDER COMPLETE WITH BATTERY PACK (WHITE)

### General

---

The ZR455-3W is a WHITE, addressable, wireless sounder operating on 868 MHz. It is remotely controlled and supervised by an addressable, wireless system controller, allowing for both wireless and hardwired devices to be seamlessly located on the same fire system. ZR455-3 sounders feature selectable tones for notification of alert, evacuate, security alert and class change, with outputs up to 96 dBA.

### System design

---

ZR455-3 sounders provide notification where the installation of hard wired sounders is not an option. They form part of an extensive range of wireless fire alarm devices that includes audio-visual notification, smoke/heat detectors, manual call points and input/output devices.

Suitable for applications specifying BS5839:1, ZR455-3 sounders may be addressed as a standalone units, or as part of a group where several units in the same location are synchronized to operate simultaneously. Designed for surface mounting in indoor applications, they have no external aerials and are supplied complete with matching back box. The ZR455-3 is rated at IP54 and constructed of ABS plastic.

### Highest signal integrity

---

To ensure the highest signal integrity, ZR455-3 sounders transmit and receive statuses and instructions to and from the panel in a multi-path, harmonised European 868 MHz band. When installed as part of a ZP addressable fire system where up to 127 device addresses are available per loop, up to 62 ZR455-3 devices may be used spread across two radio loop controllers. Every wireless device controlled through the ZPR868 loop interface is assigned its own address with which the main control panel communicates, providing the same system facilities as directly wired devices.

### Power supply

---

Power for the ZR455-3 sounders is derived from two independent and supervised battery sources using standard alkaline batteries, allowing up to 5 years of operational life.



### Details

---

- Fully addressable
- No external aerials
- Wireless range in excess of 150 m
- Tamper supervision
- High output, 32 selectable tones
- Acoustic self test
- Dual battery supply
- 5 year battery life at normal conditions
- Harmonised European 868 MHz frequency band
- CPD certified

# ZR455-3W

## ZR455-3W RADIO SOUNDER COMPLETE WITH BATTERY PACK (WHITE)

### Technical specifications

#### Physical

Physical dimensions	120 x 125 mm (Ø x H)
Net weight	650 g
Colour	White
Material	ABS

#### Environmental

Operating temperature	-10°C to +70°C
Relative humidity	10 to 95% noncondensing
Environment	Indoor
IP rating	IP54 (EN60529 rating)

#### Standards & regulation

Certification	EN54-25, EN54-3
---------------	-----------------

#### Model No

ZR455-3W

#### Description

Radio sounder complete with Battery Pack (Red)

#### Compatibility

All ZP addressable systems via ZPR868 loop module

#### Operating frequency

868 MHz

#### Approval

CPD Certified to EN54:3/EN54:25  
ENTSI 300-200

#### Addressing method

Unique address embedded in firmware

#### Mounting

Surface

#### Monitoring

Continuously self-checking

#### Sound options

32 selectable tones

#### Sound level

90 dBA

#### Power supply

3 x AA & 3 x C cell Duracell alkaline batteries

#### Number per RLM

< 31

#### Application

Indoor installation

#### EN60529 rating

IP54

#### Temperature range

-10°C to +70°C

#### Humidity range (noncondensing)

10% to 95% RH

#### Material

ABS

#### Dimensions (dia x h)

120 x 125 mm

#### Colour

White

#### Weight

650g

As a company of innovation, UTC Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit UTC Fire & Security online or contact your sales representative.

Last updated on 12 July 2019 - 8:13

