

**PR electronic.....WP1081-CRND**

**8" / 1" Fullrange System Weather Proof**



## Description

The **WP Series** Speakers are designed to withstand rough environment conditions without compromising in sound quality.

The series is featuring weather proof cone or coaxial speakers. Due to a special coating of the cone the systems can be mounted under open air conditions. The speaker body is completely made from GRP. All functional metal parts are stainless steel. A stable and tight speaker grill system is protecting the loudspeakers from extreme weather and violence.

The loudspeakers of the WP-Series are equipped with high power speakers which are all featuring neodymium drivers to reach high sound performance in spite of a very low weight.

In the two way systems there are high power passive networks to divide the frequency ranges exactly. The high frequency sections are coming with a over load protection system.

### Features:

- For easy mounting of the speakers there are optional mounting brackets available (shown in cover pic.).
- To secure the system against dropping (e.G. above public space) there is a special safety point, to be used with a steel safety.
- To secure a 100% water tight connection the systems are using two cable fittings with IP65 Grade. With the second fitting as cable outlet, it is easy to hook up the next speaker system (be sure that you are not under-running the minimum output impedance of your amplifier).

### Attention:

Make sure that the speaker system is directed downwards in an minimum angle of 15° to avoid water accumulation inside.

Do not overload the systems (max. values are described in the tech. Specs inside this manual)

Exposition to very high sound pressure levels can damage your sense of hearing (refer to the actual regulations in your country!)

If the systems are suspended above public space use the safety fixtures and fittings (refer to the actual regulations in your country!)



## Connectors and mounting fixtures

Mounting bracket (optional) with 3 mounting holes 12mm dia each



Safety fixture to be used with a steel safety



Side with optional mounting bracket



Cable fittings with labeled wires.



Type label with serial No.

Drive the cable inside after connection and lock tight.  
Use round cable D=6 -16mm max!

Bracket Holder with Adjustment.

Use M6 size screw to fix the adjusted angle. Do not rotate without loosening the M6 screw.

## Technical Specification

Frequency Range (-6dB) 58Hz-20kHz

Dispersion Angle (HF, HxV -6dB/-10dB) 75°x75° /90°x90°

Power Capacity 250W (AES), 500W (program)

Sensitivity (1W/1m) 98 dB

Nominal Impedance 8 Ohm

Midrange Cone Speaker (HND-Type) 200mm 8"

HF Driver (HND-Type) 25 mm 1" Horn

Connectors 2x Cable Fittings with IP65 Grade (1x Input and link, 1x Link for Sub-Bass Systems)

Measures (HxWxD/mm) 270x310(with fittings)x270

Measures (HxBxT/inch) 10,6x12,2(with fittings)x10,6

Net Weight: 6,5Kg HND-Type

All technical specifications are subjected to be changed without prior notice !

**PR sound** is a brand of **PR electronic e.K.**

## Service Address



*PR Sound - Respect Your Ears !*

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