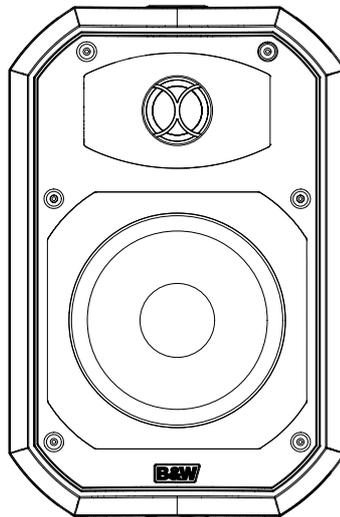


# WP™ 1

WEATHERPROOF  
MONITOR

OWNER'S MANUAL



L I S T E N   A N D   Y O U ' L L   S E E

Figure 1

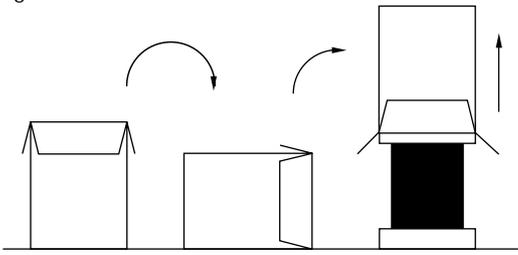


Figure 2

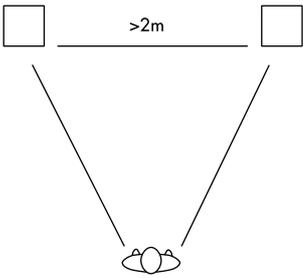


Figure 3

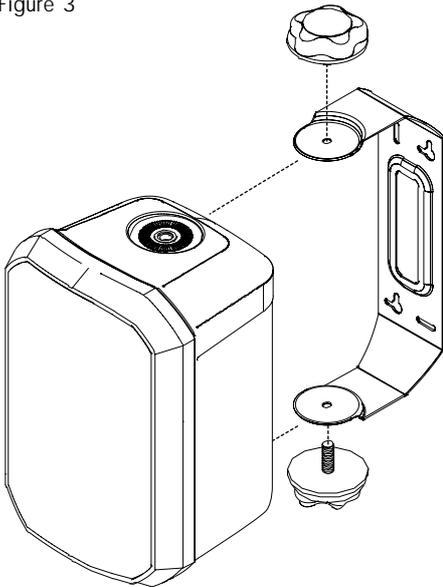
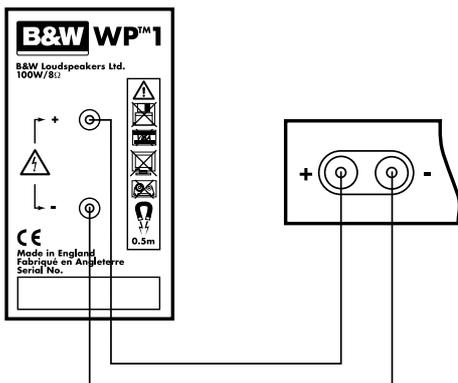


Figure 4



WP™ 1  
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English .....1

Français .....2

Deutsch .....3

Español .....4

Português .....5

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## INTRODUCTION

Thank you for choosing B&W.

The WP™1 is designed to operate in environmental conditions where a conventional loudspeaker would soon suffer, if work at all. Traditional small monitor loudspeakers supplement their low frequency output by using a bass reflex port. This is clearly impractical for a weatherproof design where such a port would allow moisture etc. into the loudspeaker cabinet. Up until now the only alternative has been a restricted bass output. The WP™1 uses Auxiliary Bass Radiators (ABRs) hidden behind the two side grilles. These add to the bass output in a similar way to a port while keeping the cabinet sealed. The result is full range weatherproof loudspeaker of the finest audio quality.

Please read this manual fully before unpacking and installing the product. It will help you to optimise its performance.

B&W maintains a network of dedicated distributors in over 60 countries who will be able to help you should you have any problems your dealer cannot resolve.

## UNPACKING (figure 1)

- Fold the carton flaps right back and invert the carton and contents.
- Lift the carton clear of the contents.

We suggest you retain the packing for future use.

## POSITIONING (figure 2)

The weatherproof nature of the speaker means quality sound can be extended to the garden, pool area, patio or even onto an ocean going yacht.

- Position the speakers at the centre of the listening area approximately at the corners of an equilateral triangle.
- Keep the speakers at least 2m apart to maintain left-right separation.
- For best results we recommend you stand the WP™1 on a shelf or attach it to a wall or ceiling.

## Stray magnetic fields

The speaker drive units create stray magnetic fields that extend beyond the boundaries of the cabinet. We recommend you keep magnetically sensitive articles (television and computer screens, computer discs, audio and video tapes, swipe cards and the like) at least 0.5m from the speaker.

## MOUNTING (figure 3)

For complete flexibility, a number of mounting variations are catered for.

Two tapped holes are provided at the base of the rear of the cabinet. They will take either ¼" UNC or M6 fixings to cater for a number of commercially available mountings.

The supplied mounting bracket contains slots and keyhole fixings. We recommend that the slots are used for permanent fixing (the slots allows for a small amount of repositioning during mounting) or where the speaker may be subject to movement or jolts (on a yacht for instance). The keyhole fixings allow the speaker to be easily removed or re-positioned at some point in the future.

The cut-out in the centre of the bracket allows the speaker cable to be routed directly through the bracket for connection to the terminals (see 'Connections').

**WARNING:** You should use sufficient quality, size and number of corrosion proof fixings to an area of wall or ceiling of sufficient strength to ensure that the speaker is safely supported.

The WP™1 can be mounted either horizontally or vertically but consideration should be given to angling the speaker either left and right or up and down by moving the speaker relative to its mounting bracket. This is achieved by slackening the knobs at the top and bottom of the speaker, swivelling the speaker and then re-tightening the two knobs (hand tightening should be sufficient to keep the speaker in place).

## CONNECTIONS (figure 4)

All connections should be made with the equipment switched off.

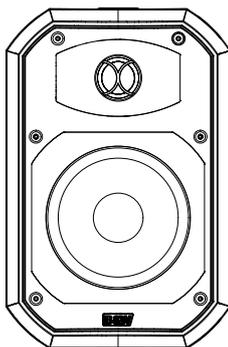
Ensure the positive terminal on the speaker (marked + and coloured red) is connected to the positive output terminal of the amplifier and negative (marked - and coloured black) to negative. Incorrect connection can result in poor imaging and loss of bass.

Always make sure all the terminal caps are screwed down tight, as otherwise they may rattle.

Ask your dealer for advice when choosing cable. Keep the total impedance below the maximum recommended in the specification and use a low inductance cable to avoid attenuation of the highest frequencies.

## AFTERCARE

Avoid touching the drive unit diaphragms, especially the tweeter, as damage may result.



WP™1 MONITOR

Description	2-way 4th-order with Auxiliary Bass Radiators
Drive units	1x 125mm (5in) Kevlar® bass/mid 1x 25mm (1in) metal dome high-frequency
Frequency range	-6dB at 50Hz and 30kHz
Frequency response	70Hz - 20kHz ± 3dB on reference axis
Dispersion	Within 2dB of response on reference axis Horizontal: over 40° arc Vertical: over 10° arc
Sensitivity	89dB spl (2.83V, 1m)
Harmonic distortion	2nd & 3rd harmonics <1% 95Hz - 20kHz (90dB spl, 1m)
Nominal impedance	8Ω (minimum 4.2Ω)
Crossover frequency	3kHz
Power handling	25W-100W continuous into 8Ω on unclipped programme
Max. recommended cable impedance	0.2Ω
Dimensions	Height: 278mm (11 in) Width: 181mm (7 1/8 in) Depth: 244mm (8 1/2 in)
Net Weight	3.1kg (6.8 lb)



**L I S T E N   A N D   Y O U ' L L   S E E**

Kevlar is a registered trademark of Dupont.

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