

# MANUAL



# MPH31-G

## Introduction

Please read this manual before using the product. This manual provides you with the information necessary to ensure a seamless installation and the best possible sound quality.

Thanks for purchasing our MPH31-G speaker, a Music Projection Horn speaker especially designed for outdoor back ground music, but also applicable on any other location where you may want to benefit from the sturdy housing and IP54 rating. The APart MPH31-G has been designed and engineered in our Belgian head quarters. The MPH31-G operates on 100V or low impedance systems and can be configured in 30W, 15W, 7.5W and 4W for 100V operation with a simple and easy accessible switch. Lo-Z impedance is 8 ohms. The design is kept deliberately discrete in order not to draw attention. A well appreciated feature for the installers is that you don't need to open the cabinet to connect the speaker wires.

## Features and Benefits

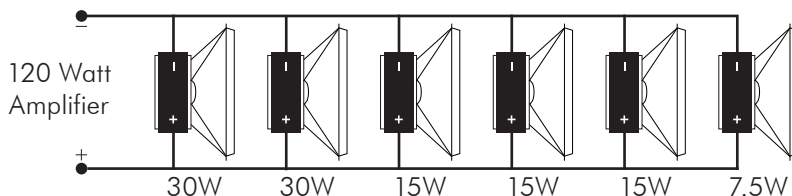
- High speech intelligibility and balanced sound for music and speech reproduction.
- Efficient horn for covering extended distances.
- Coated aluminum mounting bracket for wall or ceiling mounting.
- Approx. 85 cm speaker wire, already connected.
- Rotary power selector: 30W, 15W, 7.5W, 4W and 8 ohms.
- ABS plastic housing.

## Precautions

- Keep this manual for future reference.
- Clean only with dry cloth
- Take care of yo ur speaker wires and protect them from possible damage. Damaged speaker wires may cause poor sound quality and could damage the amplifiers.
- Only use accessories specified by the manufacturer
- Make sure the mounting place can support the weight of the speakers.
- Use a sufficient amount of speakers for good sound coverage.
- No main power shall be connected to the loudspeakers in order to prevent damage to the speaker.
- This apparatus should only be serviced by qualified personnel. Otherwise warranty might be void.
- Use cable of the right gauge, certainly for long runs.

- Avoid loud feedback from microphones, this can damage your speaker.
- Please check the unit's condition after unpacking. If the outside of the carton box has been damaged, inform your shipper immediately.
- This speaker is splash water proof, intended for indoor and outdoor use.

## Connecting the speaker

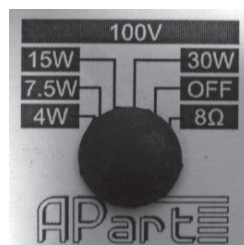


$$112.5W = 30 + 30 + 15 + 15 + 15 + 7.5$$

Amplifier power must be equal or higher than total power of all speakers

## Selecting the power

Temporarily remove the protective cap from the rear of the cabinet and turn the rotary switch to the position required for your application. Warning! Never use the speaker in the 8 ohms position on 100 volt systems. Always reinstall the protective cap after selecting the power !

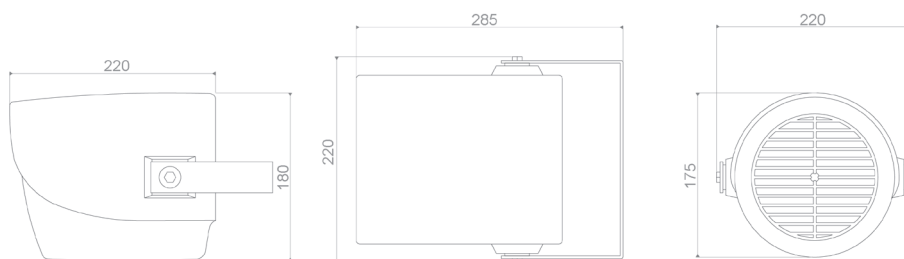


Speaker cable

White lead = speaker +

Black lead = speaker -

## Technical drawing



## Technical Specifications

Specification Table	
Type	MPH31-G
Woofer	5,25 inch, coated paper cone
Rated power RMS	30W
Transformer taps (100 volt)	30W, 15W, 7.5W, 4W
Lo-Z impedance	8 ohms
Frequency Response (-10dB)	120 Hz – 15 kHz
SPL 1W/1m	92 dB
SPL 1m/ at rated power	107 dB
Color	Grey
Chassis Type	ABS
Grill construction	ABS
Bracket material	Coated aluminium
IP rating	54
Dimensions diameter x length	Approx. 180 x 215 mm
Wire length	Approx. 85 cm
Net weight	1.72 kg
Gross weight	2.10 kg

## Warranty info

APart-Audio warrants this product to be free of defects in material and workmanship for a period of one year for parts and for a period of one year for labor from the date of original end-user purchase. This warranty is valid only for the original end-user and cannot be transferred.

During the warranty period APart-Audio or one of its authorized service partners shall either repair or replace any product, free of charge, that proves to be defective on inspection by APart-Audio or its authorized service representative.

This warranty does not include, damages or product faults due to abuse, misuse or faulty installation.

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