



the
box **pro**

Mon P10, Mon P12,
Mon P15

passive monitor

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27.07.2015, ID: 353571, 353573, 353575

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1 General information

This manual contains important instructions for the safe operation of the unit. Read and follow the safety instructions and all other instructions. Keep the manual for future reference. Make sure that it is available to all those using the device. If you sell the unit please make sure that the buyer also receives this manual.

Our products are subject to a process of continuous development. Thus, they are subject to change.

1.1 Further information

On our website (www.thomann.de) you will find lots of further information and details on the following points:

Download	This manual is also available as PDF file for you to download.
Keyword search	Use the search function in the electronic version to find the topics of interest for you quickly.
Online guides	Our online guides provide detailed information on technical basics and terms.
Personal consultation	For personal consultation please contact our technical hotline.
Service	If you have any problems with the device the customer service will gladly assist you.

1.2 Notational conventions

This manual uses the following notational conventions:


Letterings

The letterings for connectors and controls are marked by square brackets and italics.

Examples: *[VOLUME]* control, *[Mono]* button.

1.3 Symbols and signal words

In this section you will find an overview of the meaning of symbols and signal words that are used in this manual.

Signal word	Meaning
DANGER!	This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury if it is not avoided.
CAUTION!	This combination of symbol and signal word indicates a possible dangerous situation that can result in minor injury if it is not avoided.
NOTICE!	This combination of symbol and signal word indicates a possible dangerous situation that can result in material and environmental damage if it is not avoided.
Warning signs	Type of danger
	Warning – danger zone.

2 Safety instructions

Intended use

This device is intended to be used in a sound reinforcement system. Use the device only as described in this user manual. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Safety



DANGER!

Danger for children

Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard!

Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke!

Never let children unattended use electrical devices.



CAUTION!

Possible hearing damage

The device can produce volume levels that may cause temporary or permanent hearing impairment. Over an extended period of time, even levels that seem to be uncritical can cause hearing damage.

Decrease the volume level immediately if you experience ringing in your ears or hearing impairment. If this is not possible, keep a greater distance or use sufficient ear protectors.



NOTICE!

Operating conditions

This device has been designed for indoor use only. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations.



NOTICE!

Possible staining

The plasticiser contained in the rubber feet of this product may possibly react with the coating of your parquet, linoleum, laminate or PVC floor and after some time cause permanent dark stains.

In case of doubt, do not put the rubber feet directly on the floor, but use felt-pad floor protectors or a carpet.

3 Features

Special features of this monitor speaker:

- Passive 2-way monitor
- Highly efficient compression drivers
- Powerful woofer
- Built-in tripod flange
- Two carrying handles
- Output for further monitors
- Suitable protective cover available as optional accessory
- Plywood enclosure with scratch-resistant black PU coating

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4 Installation and starting up

Unpack and carefully check that there is no transportation damage before using the unit. Keep the equipment packaging. To fully protect the device against vibration, dust and moisture during transportation or storage use the original packaging or your own packaging material suitable for transport or storage, respectively.



NOTICE!

Possible property damage by magnetic fields

Loudspeakers produce a static magnetic field. Therefore, maintain an appropriate distance to devices that can be adversely affected or damaged by an external magnetic field.



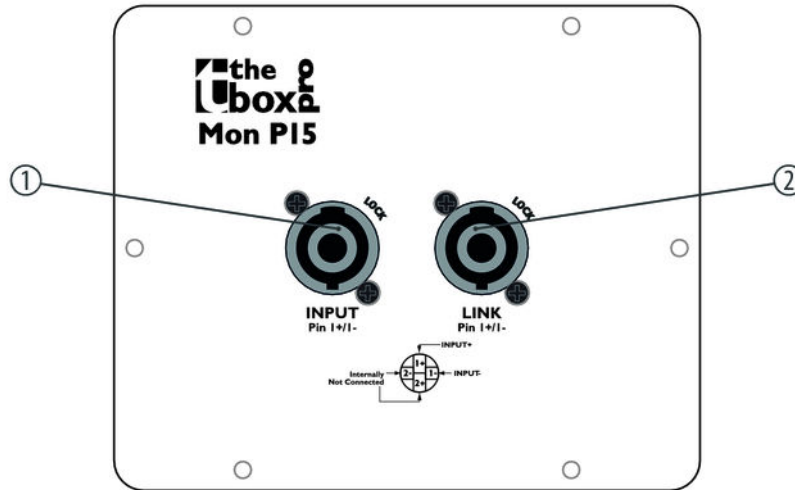
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5 Connections



1	<i>[INPUT]</i> Lockable NL4 input socket.
2	<i>[LINK]</i> Lockable NL4 output socket to feed the audio signal to another monitor.

6 Technical specifications

	Mon P10 (Item no. 353571)	Mon P12 (Item no. 353573)	Mon P15 (Item no. 353575)
System	Passive 2-way monitor		
Housing	Plywood with scratch-resistant PU coating, black		
Speakers	10" woofer with 2" voice coil	12" woofer with 2.5" voice coil	15" woofer with 3" voice coil
	1" compression driver with 1" voice coil	1" compression driver with 1.35" voice coil	1" compression driver with 1.35" voice coil
Impedance	8 Ω		
Power handling	250 W RMS	350 W RMS	450 W RMS
	500 W Peak	700 W Peak	900 W Peak
Frequency response	60 Hz ... 20 kHz	50 Hz ... 20 kHz	45 Hz ... 20 kHz
Sound pressure level, 1 m distance	93 dB	95 dB	96 dB
Dispersion angle	80° × 80°	80° × 80°	60° × 80°

	Mon P10 (Item no. 353571)	Mon P12 (Item no. 353573)	Mon P15 (Item no. 353575)
Connections	2 × NL4, 1+/1-		
Dimensions (W × H × D)	480 mm × 300 mm × 420 mm	510 mm × 340 mm × 500 mm	610 mm × 365 mm × 545 mm
Weight	9 kg	13 kg	16 kg
Suitable protective cover	Cover Mon A10, item no. 322027	Cover Mon A12, item no. 322028	Cover Mon A15, item no. 322029

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7 Plug and connection assignment

Introduction

This chapter will help you select the right cables and plugs to connect your valuable equipment in such a way that a perfect sound experience is ensured.

Please note these advices, because especially in 'Sound & Light' caution is indicated: Even if a plug fits into the socket, an incorrect connection may result in a destroyed power amp, a short circuit or 'just' in poor transmission quality!

NL4 mounting connectors



1, +	Signal 1 (in phase)
1, -	Signal 1 (180 degree phase shift)
2, +	Signal 2 (in phase)
2, -	Signal 2 (180 degree phase shift)

8 Protecting the environment

Disposal of the packaging material



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling.

Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

Disposal of your old device



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE). Do not dispose with your normal household waste.

Dispose of this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.

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