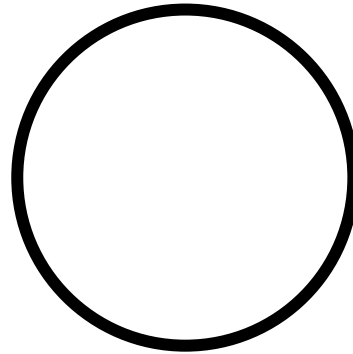


MYSTRO LOUDSPEAKER



- OWNERS MANUAL
- INSTRUCTION BOOK
- SPECIFICATION

Handcrafted by
SUGDEN AUDIO

Introduction

Thank you for purchasing the Mystro mini monitor loudspeaker system. We are sure you will be rewarded with many years of listening pleasure.

All Sugden products are manufactured in house by J E Sugden & Co Ltd, an English company founded over four decades ago in the county of West Yorkshire. Your loudspeakers have been built with the care and enthusiasm only a highly skilled team of enthusiasts can achieve. Each cabinet has been handcrafted in our own workshop using the finest materials available. The veneers are book matched, so each pair of speakers is unique but closely mirrored. Instead of a plain box construction, there are many special design features to enhance the performance. These include mitre locking joints that have been pressed and glued.

Caring for your loudspeaker

As we only use high quality real wood veneers (excluding painted options) care should be taken to protect your cabinets. We recommend you treat them like a fine piece of furniture.

Avoid standing next to a heat source such as a fire, direct sunlight may affect the colour over a prolonged period. Keep away from water or any area with a high level of moisture.

Cleaning the cabinets should be carried out with a soft fine duster. The use of any chemicals may spoil the silk lacquer applied to the rear wood surfaces. This lacquer is designed to aid a natural patina over a period of time allowing the real wood to age naturally. The cherry finish has a clear silk lacquer and will appear quite light initially. In a few weeks the true colour and beauty of this timber will become visible. The cabinets are waxed prior to despatch.

Unpacking

Your loudspeakers should arrive with you well packed and in their original cartons. The packaging has been carefully designed to withstand shipping for export. In the box you should find a guarantee.

Set-up - IMPORTANT

We recommend that you spend some time setting up your loudspeakers. When done correctly you will be rewarded with superb sound reproduction and fine imaging.

The Mystro Loudspeaker has been designed to work close to a rear wall. The narrow front baffle of the speaker requires reinforcement provided by this wall. Although the cabinet has a rear port, this is very small and combined with full internal wadding creates a 'leaky' cabinet rather than a fully ported one.

The Mystro mini monitor provides good extension in the high frequencies. This is to compensate for a drop in high frequencies when the loudspeaker is toed in. We recommend that the loudspeakers should be toed in so the sound crosses about 30cm in front of the listener. This will provide exceptional imaging and can make the loudspeakers 'disappear' when setup correctly. You may find that the loudspeakers perform better in your listening room slightly away from the rear wall or with a smaller or larger toe in. As each listening room is different, each loudspeaker setup will be different.

The Mystro will work perfectly well on a sideboard due to the construction and design of the cabinet. We do however recommend using three isolation cones to stand the

loudspeaker on rather than directly on furniture. If using a proper loudspeaker stand, use blutack for best results. When removing the loudspeaker from a stand secured with blutack, always twist and never lift as this may damage the veneer.

Amplifier recommendations

Although the Mystro only uses a single 4" driver the power handling is good and rated at 100 Watts peak and 50 Watts program. Because the cabinet is only small, bass performance is limited like all small loudspeakers. Playing louder will not increase bass performance. It is always better to use an over powered amplifier carefully than an under powered amplifier that distorts. All the current Sugden amplifiers rated from 25 Watts to 140 Watts work well with the Mystro mini monitor.

Mystro Loudspeaker Specifications:

Description	Single full range Mini Monitor
Cabinet design	Ported at the rear (with full BAF damping)
Cabinet construction	High density MDF Glued and pressed locking mitre joints
Sensitivity	87dB 1 watt one metre
Nominal Impedance	8 Ohms
Frequency range	50–20000Hz
Power handling	100 Watts Peak 50 Watts Program
Terminals	Single wired large style gold plated multi way binding posts
Internal wiring	Directional solid strand insulated Copper X 4
Dimensions	185 x 215 x 334 (wdh)
Boxed weight	9 kgs Packed
Finishes (standard)	Cherry, Walnut, Zebrano (optional painted to order)

Contact Details:

J E Sugden & Co Ltd
Valley Works
Station Lane
HECKMONDWIKE
West Yorkshire
WF16 0NF

www.sugdenaudio.com