

# SUGDEN

MYSTRO INTEGRATED AMPLIFIER  
Instruction Book

September 2008

*Designed and Handmade in England*

## BEFORE USE

**This section must be read before connecting to the mains supply**

### MAINS CONNECTION INFORMATION

(when purchased through an authorized Sugden retailer in your country)

Your Sugden amplifier has been designed to comply with the domestic power and safety requirements that exist in your area. Please make sure the voltage rating of your amplifier is the correct specification for your country. The voltage rating is clearly stated on the rear of the amplifier, packing carton and inspection ticket.

### CHOOSE A SAFE AND SUITABLE LOCATION

DO NOT: Expose to direct Sunlight

DO NOT: Position next to a heat source such as a radiator

DO NOT: Use in places with high humidity or poor ventilation

DO NOT: Subject to mechanical vibration

DO NOT: Place on an unstable or inclined surface

Never block ventilation holes or stand directly on a carpet

### ACCESSORIES SUPPLIED

Guarantee Card

Instruction book

IEC mains lead

(Optional remote control)



The Mystro is designed to be in conformity with the EMC directive and low-voltage directive.

## CONNECTIONS (REAR)

### MAINS INPUT & FUSE

The supplied IEC mains lead should be used to connect your amplifier to the mains supply.

This has been tested to EMC directive.

### LOUDSPEAKER OUTPUTS

This amplifier is equipped with one set of stereo loudspeaker terminals. Connect the right channel speaker to the right terminals and the Left channel speaker to the left terminals. The output terminals have positive (+) and negative (-) polarity, and each speaker has the same polarity. Be sure to connect the terminals with the same polarity. If using bare wire, make sure the ends are tidy with no loose strands. We recommend pre-made cables should be used and these can be obtained from your supplier.

### SIGNAL INPUTS

Connect the output jack leads of your source components here. There are three line level inputs suitable for connecting any of the following line level equipment;

CD PLAYER

TUNER

TAPE REPLAY

DVD

PHONO AMPLIFIER

MP3 TYPE PLAYER

Inputs are left and right handed for identical connection to the phono leads. Right is always on the top with Sugden equipment.

#### PHONO INPUT

Connect the output jacks of your turntable to the PHONO input jacks. The input is suitable for Moving Magnet (MM) cartridges or high output Moving Coil cartridges. Do not connect a line level source to the phono input.

#### EARTH

Be sure to connect the turntables EARTH (GND) wire to the earth terminal. An EARTH does not need to be connected if the turntable does not have an EARTH wire.

### FRONT PANEL CONTROLS

#### INPUT SELECTOR

Selects the program source to be played from inputs 1-4. As the input is relay switched it is normal to have a slight delay between inputs

#### SENSOR

The remote sensor receives the Infra red commands from the RC5 remote control. The remote control should be pointed towards the sensor.

#### VOLUME CONTROL

Adjusts the volume control level. Turn clockwise to increase the volume and anti-clockwise to reduce the level. This can also be operated by the remote control volume up and down buttons. Volume is the only function operated by the remote control, all other function relate to the matching Mystro Compact Disc player.

#### POWER LED

Lights up when the amplifier is switched on

#### POWER SWITCH

Depressing switches the power on. Pressing again switches the power off.

#### SWITCH ON DELAY

Once the power switch has been depressed there will be a delay of fifteen seconds before the internal relay will engage and any music can be heard.

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#### ADDITIONAL INFORMATION

All Sugden products are manufactured from traditional materials and have been painted or chemically anodised. If you want to clean the amplifier case we do not recommend solvents as these may damage the finish. Instead use a slightly damp cloth or a mild soap solution to remove finger prints.

To get the best results from your amplifier we recommend using quality interconnects and loudspeaker leads. Well made cables with tight fitting plugs should be used, as these will give the best signal and earthing continuity. Cables that are not properly shielded or insulated may pickup unwanted noise and interference.

#### LOUDSPEAKER COMPATABILITY

The Mystro Integrated amplifier has a rated power output of 50 Watts per channel (75 Watts 4 Ohms) and is capable of driving most loudspeakers. It is important however to make sure the amplifier and loudspeaker are compatible and suitable for your listening room.

If in any doubt please contact either your supplying retailer or our own sales department:

[sales@sugdenaudio.com](mailto:sales@sugdenaudio.com)

## Outline Specifications @ 240V

Power output (both channels working)	<b>50 Watts into 8 Ohms</b> <b>75 Watts into 4 Ohms</b>
Input sensitivity	
Line	<b>155mV</b>
MM Phono	<b>2mV</b>
Frequency Response (Line) 20Hz-20kHz	<b>-/+1dB</b>
Bandwidth	<b>Wide</b>
Noise (Line)	<b>&gt;82dB</b>
Distortion @1kHz 1 Watt	<b>&lt;0.2%</b>

Designed and manufactured by:

J E Sugden & CO LTD

Valley Works

Station Lane

HECKMONDWIKE

West Yorkshire

WF16 0NF

[www.sugdenaudio.com](http://www.sugdenaudio.com)

### RECYCLING

This products packaging materials are recyclable and can be reused. The product and the accessories packed together are the applicable product to the WEEE directive except batteries. Please dispose of any material in accordance with your local recycling regulations. When discarding the unit, comply with your local rules and regulations. Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulation concerning chemical waste.

**The manufacturer reserves the right to alter specification without note**