WARNINGS

Read carefully this manual and follow these precautions before operating the device

Keep this manual for possible future needs

Pay attention not to pour liquids onto the device and do not operate in conditions of excessive humidity

Do not install the device close to sources of excessive heat, do not expose it to direct solar radiation and do not position it without protection in a dusty environment

Be sure that the main voltage does not exceed the value indicated on the back panel

Do not use the device if the main cable or the plug aren’t in a perfect condition (if necessary, replace it)

If the main cable has to be replaced, the operation must be carried out by qualified personnel. Replace the cable exclusively with one that is an exact substitute

In order to avoid interference, do not install the device close to power transformers, TV sets, RF transmitters, electric motors or any source of electric energy

Do not point microphones against speakers: this could generate annoying whistles (Larsen effect) that cause damage

In order to avoid unpleasant and costly inconveniences, use only original connecting cables

To completely disconnect this apparatus from the AC mains, disconnect the power supply cord plug from the AC socket

When cleaning, do not use solvents (e.g. acetone or alcohol). These could damage the external finishing and the serigraphy

Do not attempt to service this product. In case of malfunction of any part of the system call the nearest technical assistance centre or a specialized technical centre

For good ventilation, the heat sink should never be covered or obstructed by blankets, sofas or similar furniture. Be sure also to leave sufficient clearance between the heat sink and any other surface

No source of flames, e.g. candles, should be placed on or near the device

The device should not be exposed to water, even in small amounts. No object containing liquids should be placed on or near the device

The device should only be connected to a mains socket outlet equipped with protection ground system

When the device is installed, be sure the mains socket and the plug of the mains cable are easily accessible
INTRODUCTION

TIM

TIM is a 600W (350 +125+125) analog amplification system consisting of a compact active subwoofer and two passive satellites. The former Pocket 1 system has been re-engineered for professional use, featuring an enhanced design and several new control features, such as a mono/stereo switch, for greater flexibility. The subwoofer is constructed using BJT technology, incorporating a linear power supply for excellent bass response and efficient stereo effect. Sub levels can be adjusted from -7dB to +2dB. Each satellite contains a passive crossover featuring a custom coil.

Easy to transport and set up in live performance situations, TIM is ideal for use with acoustic instruments and in jazz or DJ sets. The system also forms a highly efficient compact PA for use in small to medium sized venues such as piano bars, gyms, conference rooms or ballrooms.

Insulated padded bags can be separately purchased for the system components, ensuring safe transportation and storage. TIM is available in wood or anthracite grey finishes.

TOM

TOM is a 1000W (500+250+250) analog amplification system consisting of a compact active subwoofer and two passive satellites. The former Pocket 2 system has been re-engineered for professional use, featuring an enhanced design and several new control features, such as a mono/stereo switch, for greater flexibility. The subwoofer is constructed using BJT technology, incorporating a linear power supply for excellent bass response and efficient stereo effect. Sub levels can be adjusted from -7dB to +2dB. Each satellite contains a passive crossover featuring a custom coil.

TOM has been specifically developed for use in medium to large sized indoor and outdoor venues, providing powerful coverage for a range of mobile sound reinforcement applications. Easy to transport and set up, the system is also highly effective for live performance situations, proving ideal for acoustic instrument amplification.

Insulated padded bags can be separately purchased for the system components, ensuring safe transportation and storage. TOM is available in wood or anthracite grey finishes.
1. BACK PANEL

1.1 POWER ON/OFF
System ON/OFF switch

1.2 MAIN POWER CONNECTION
Connection to mains (230V AC / 115V AC - 50Hz/60Hz)
PLEASE ENSURE THE PROPER VOLTAGE AND USE THE ORIGINAL CONNECTION CABLE

1.3 SUBWOOFER
This control regulates the subwoofer level

1.4 INPUTS LEFT /RIGHT
This input is electronically balanced for XLR type connections.

1.5 OUTPUTS LEFT/RIGHT
XLR balanced type connector for connections of external systems.

1.6 POWER OUTPUTS LEFT/RIGHT
amplified outputs with Speakon type connectors for connecting left and right satellites

1.7 GROUND LIFT
This switch connects and disconnects the ground

1.8 MONO/STEREO SWITCH
If two TIM/TOM’s are used together, this switch must be set to the MONO position in order to receive only one signal from the mixer (left or right main output, connected to LEFT input) and send it to both satellites. If only one TIM/TOM is used, this switch must be set to the STEREO position in order to receive both left and right signals from the mixer and send each signal to the relevant satellite.
2. TIM/TOM SAT REAR PANEL

2.1 INPUT
Sat input, connect to power out L/R with speakon cable

3. TIM/TOM INCLUDE

1 X Active Subwoofer
2 X Passive SAT speakers
1 X Power connection cable
2 X Speakon Cable
1 X Warranty certificate
1 X User manual
<table>
<thead>
<tr>
<th>Specification</th>
<th>TIM SUB</th>
<th>TIM SAT</th>
<th>TOM SUB</th>
<th>TOM SAT</th>
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<tbody>
<tr>
<td>Frequency response</td>
<td>50 Hz - 150 Hz</td>
<td>150 Hz - 20 kHz</td>
<td>45 Hz - 150 Hz</td>
<td>150 Hz - 20 kHz</td>
</tr>
<tr>
<td>Sensitivity (1W-1m)</td>
<td>98 dB</td>
<td>94 dB</td>
<td>99 dB</td>
<td>96 dB</td>
</tr>
<tr>
<td>SPL max</td>
<td>123 dB</td>
<td>118 dB</td>
<td>126 dB</td>
<td>123 dB</td>
</tr>
<tr>
<td>Woofer</td>
<td>10” ferrite magnet, 50 mm Voice coil diameter</td>
<td>6” ferrite magnet, 38 mm Voice coil diameter</td>
<td>12” ferrite magnet, 65 mm Voice coil diameter</td>
<td>8” neodymium magnet, 65 mm Voice coil diameter</td>
</tr>
<tr>
<td>Horn</td>
<td>/</td>
<td>Compression driver 1” throat, Voice coil diam. 25mm. 90°x90° (HxV) horn</td>
<td>/</td>
<td>Compression driver 1” throat, Voice coil diam. 25mm. 90°x90° (HxV) horn</td>
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<tr>
<td>Crossover</td>
<td>Active - 24 dB/octave</td>
<td>Passive - 18dB/octave</td>
<td>Active - 24 dB/octave</td>
<td>Passive - 18dB/octave</td>
</tr>
<tr>
<td>Box</td>
<td>Bass reflex</td>
<td>Two way</td>
<td>Bass reflex</td>
<td>Two way</td>
</tr>
<tr>
<td>Construction</td>
<td>Birch laminated</td>
<td>Birch laminated</td>
<td>Birch laminated</td>
<td>Birch laminated</td>
</tr>
<tr>
<td>Max Power out (continuous/Peak)</td>
<td>350W/500W</td>
<td>125W/250W</td>
<td>500W/800W</td>
<td>200W/350W</td>
</tr>
<tr>
<td>Weight</td>
<td>18 kg</td>
<td>6 kg</td>
<td>24 kg</td>
<td>7 kg</td>
</tr>
<tr>
<td>Dimensions</td>
<td>320x510x490 mm</td>
<td>210x240x340 mm</td>
<td>360x495x490 mm</td>
<td>240x240x380 mm</td>
</tr>
<tr>
<td>Connections</td>
<td>XLR input (2x), XLR output (2x), Speakon Output (2x)</td>
<td>Speakon input</td>
<td>XLR input (2x), XLR output (2x), Speakon Output (2x)</td>
<td>Speakon input</td>
</tr>
<tr>
<td>Input Sensitivity</td>
<td>XLR 0dBu (0.775Vrms, balanced mode)</td>
<td>/</td>
<td>10 kOhm</td>
<td>/</td>
</tr>
<tr>
<td>Impedance (@1kHz, XLR line)</td>
<td>10 kOhm</td>
<td>/</td>
<td>XLR 0dBu (0.775Vrms, balanced mode)</td>
<td>/</td>
</tr>
</tbody>
</table>
IMPORTANT SAFETY INSTRUCTIONS

THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED “DANGEROUS VOLTAGE” WITHIN THE PRODUCT ENCLOSURE THAT MAY BE OF A SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.

THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE PRODUCT.

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK DO NOT EXPOSE THE APPLIANCE TO RAIN OR HUMIDITY

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this apparatus near water.

6) Clean only with dry cloth.

7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11) Only use attachments/accessories specified by the manufacturer.

12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.

14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
ALL SCHERTLER® PRODUCTS ARE COVERED BY A LIMITED THREE-YEAR WARRANTY (FROM THE DATE OF PURCHASE) AGAINST MANUFACTURES DEFECTS. DETAILS CAN BE OBTAINED FROM YOUR LOCAL DEALER/REPRESENTATIVE. SCHERTLER SA STRONGLY BELIEVES IN “COMMON SENSE” AND THUS, MISUSE OF OUR PRODUCTS ARE NOT COVERED UNDER RIGHTS OBTAINED THROUGH OUR WARRANTY POLICY OR THAT OF INTERNATIONALLY RECOGNIZED TERMS AND CONDITIONS.

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ALL SCHERTLER® PRODUCTS ARE OF PROPRIETARY TECHNOLOGY AND COVERED BY ONE OF MORE WORLDWIDE PATENTS.