



TIM & TOM
complete system 600W & 1000W

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.



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.

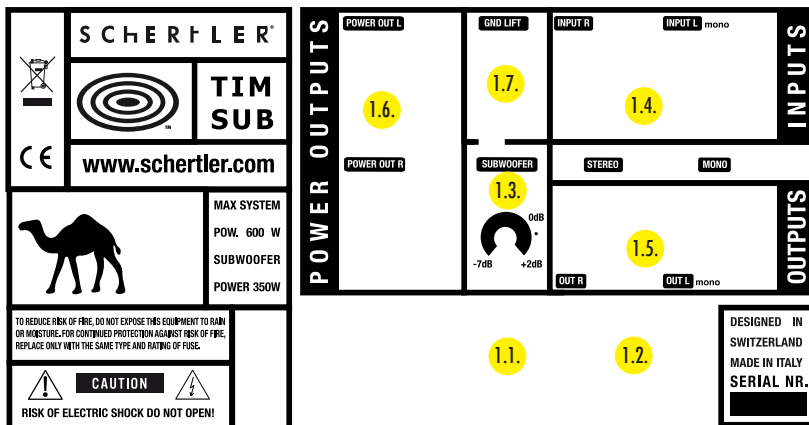
TOM

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 TIM



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.

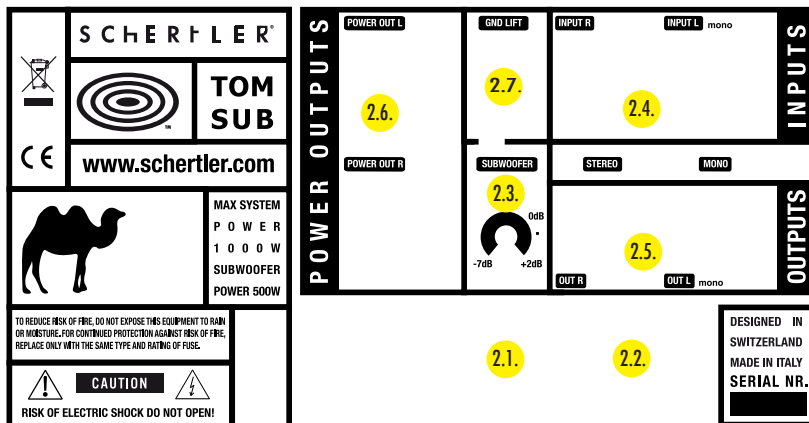
1.6 POWER OUTPUTS LEFT/RIGHT

amplified outputs with Speakon type connectors for connecting left and right satellites

1.7 GROUND LIFT

This switch connects and disconnects the ground

2. BACK PANEL TOM



2.1 POWER ON/OFF

System ON/OFF switch

2.2 MAIN POWER CONNECTION

Connection to mains (230V AC / 115V AC - 50Hz/60Hz)

PLEASE ENSURE THE PROPER VOLTAGE AND USE THE ORIGINAL CONNECTION CABLE

2.3 SUBWOOFER

This control regulates the subwoofer level

2.4 INPUTS LEFT /RIGHT

This input is electronically balanced for XLR type connections.

2.5 OUTPUTS LEFT/RIGHT

XLR balanced type connector for connections of external systems.

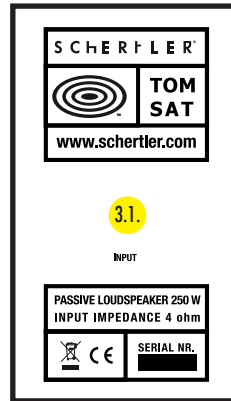
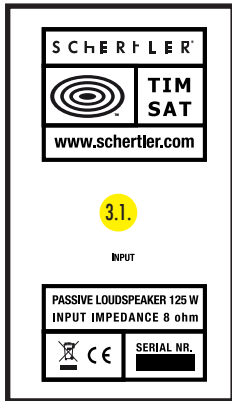
2.6 POWER OUTPUTS LEFT/RIGHT

amplified outputs with Speakon type connectors for connecting left and right satellites

2.7 GROUND LIFT

This switch connects and disconnects the ground

3. TIM and TOM SAT



3.1 INPUT

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

4. TIM and 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

WARNINGS

PRECAUTIONS

WARNING

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

5. TECHNICAL DESCRIPTION

Specification	TIM Subwoofer	TIM Satellite	TOM Subwoofer	TOM Satellite
Frequency response	50 Hz - 150 Hz	150 Hz - 20 kHz	45 Hz - 150 Hz	150 Hz - 20 kHz
Sensitivity @ 1W/1m	98,0 dB SPL	94,0 dB SPL	99,0 dB SPL	96,0 dB SPL
SPL max (calc.)	123 dB SPL	118 dB SPL	126 dB SPL	123 dB SPL
Crossover	Electronic - 24 dB/octave	Passive - 18 dB/octave	Electronic - 24dB/octave	Passive - 18dB/octave
LF Transducer	10" Woofer Ferrite magnet circuit	6" Woofer Ferrite magnet circuit	12" Woofer Ferrite magnet circuit	8" Woofer Ferrite magnet circuit
Voice coil diameter	50 mm	38 mm	65 mm	65 mm
HF Transducer		Compression Driver 1" Throat Voice coil diameter 25 mm 90°x90° (HxV) horn		Compression Driver 1" Throat Voice coil diameter 25 mm 90°x90° (HxV) horn
Power Handling (Continuous/Peak)	350W/500W	125W/250W	500W/800W	200W/350W
Connection	XLR Input (2) XLR Output (2) Speakon Output (2)	Speakon Input	XLR Input (2) XLR Output (2) Speakon Output (2)	Speakon Input
Impedance	10 KOhm @ 1 KHz for XLR line		10 KOhm @ 1 KHz for XLR line	
Input sensitivity	XLR 0 dBu (0,775Vrms) in balance mode		XLR 0 dBu (0,775Vrms) in balance mode	
Nominal Impedance (Passive)		8 Ohm		4 Ohm
Controls	Subwoofer Adjust, Ground lift Switch, mono/stereo		Subwoofer Adjust, Ground lift Switch, mono/stereo	
Box	18 mm Plywood bass reflex Top hat composed of welded steel tube D=36mm H=77mm	12 mm Plywood Two-way Top hat composed of welded steel tube D=36mm H=77mm	18 mm Plywood bass reflex Top hat composed of welded steel tube D=36mm H=77mm	12 mm Plywood Two-way Top hat composed of welded steel tube D=36mm H=77mm
Weight	18 Kg	6 Kg	24 Kg	7 Kg
Dimension (LxDxH)	320x510x490 mm	210x240x340 mm	360x495x490 mm	240x240x380 mm

ALL SCHERTLER® PRODUCTS ARE COVERED BY A LIMITED TWO-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.

SCHERTLER SA IS CONSTANTLY AIMING TO IMPROVE ITS RANGE OF PRODUCTS THEREFORE, SCHERTLER SA RESERVES THE RIGHT TO AMEND PRODUCT SPECIFICATIONS WITHOUT NOTICE.

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



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