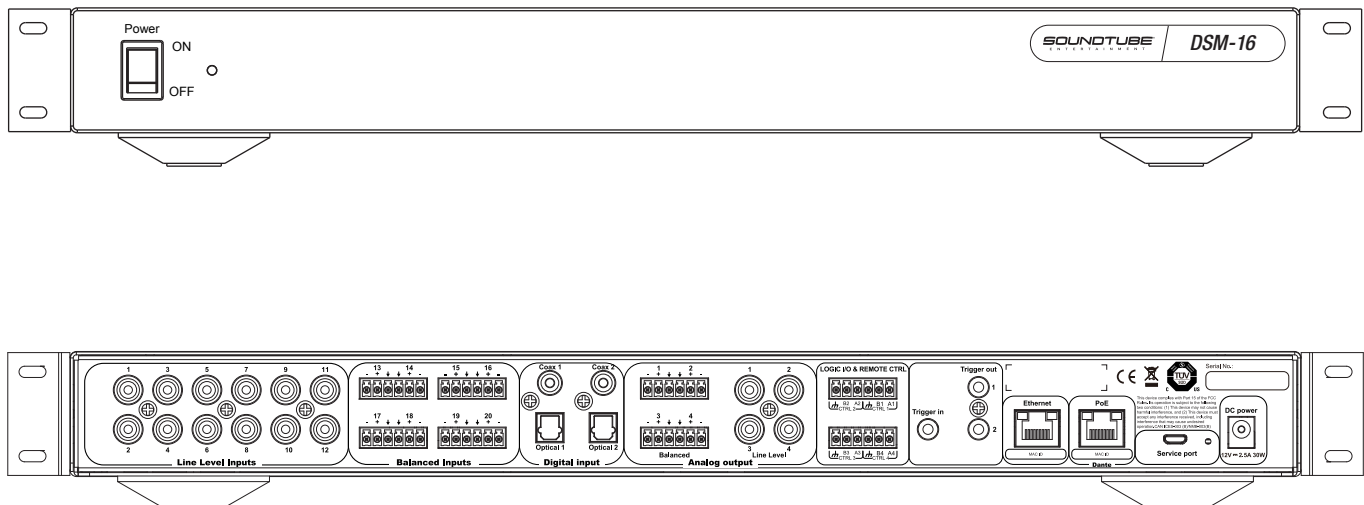


DSM-16

HARDWARE MANUAL & INSTALL GUIDE



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[SAFETY INSTRUCTIONS]

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.		

Explanation of Graphical Symbols



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of un-insulated "dangerous voltage: within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

1. Read Instructions - All the safety and operating instructions should be read before the appliance is operated.

2. Retain Instructions - The safety and operating instructions should be retained for future reference.

3. Heed Warnings - All warnings on the appliance and in the operating instructions should be adhered to.

4. Follow Instructions - All operating and other instructions should be followed.

5. Water and Moisture - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

6. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer.

PORTABLE CART WARNING



7. Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.

8. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

9. Heat - The appliance should be situated away from heat sources such as radiators, stoves, or other appliances that produce heat.

10. Power Source - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

11. Power Cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed up or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

12. Cleaning - The appliance should be cleaned only as recommended by the manufacturer.

13. Nonuse Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

14. Object and Liquid Entry - Care should be taken so that neither objects fall nor liquids spill into the inside of the appliance.

15. Damage Requiring Service - The application should be serviced by qualified service personnel when:

- a. the power supply cord or the plug has been damaged,
- b. objects have fallen onto or liquid has been spilled into the appliance,
- c. the appliance has been exposed to rain,
- d. the appliance does not appear to operate normally or exhibits a marked change in performance, or
- e. the appliance has been dropped or the cabinet damaged.

16. Servicing - The user should not attempt to service the appliance beyond those means described in the operating instructions. All other servicing should be referred to qualified service personnel.

17. Grounding or Polarization - Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

APPLICABLE FOR USA, CANADA OR WHERE APPROVED FOR USAGE

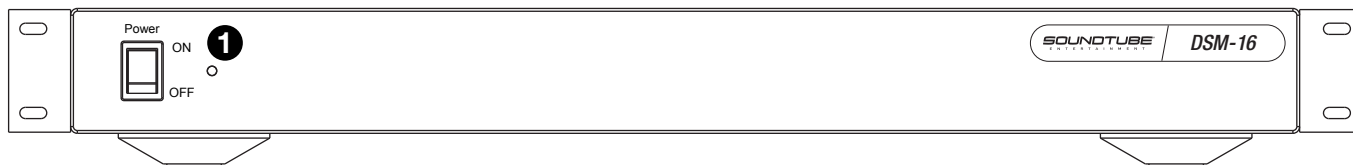
CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE PLUG TO WIDE SLOT, INSERT FULLY.

ATTENTION: POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRESE ET POUSSER JUSQU'AU FOND.

[SAFETY NOTICES]

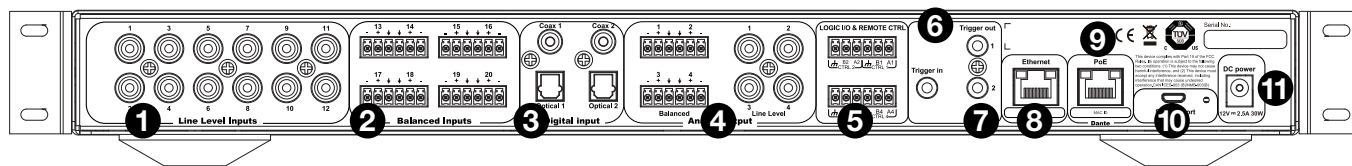
1. This product has a networked standby function ONLY (less than 7.00 W). It does NOT have a normal standby function.
2. This product is considered a HiNA (High Network Availability) product.
3. This product supports PoE power (50 V DC).

[OPERATING INSTRUCTIONS AND CONTROLS] FRONT PANEL



1. POWER: The power LED on the front panel indicates the device status.

[OPERATING INSTRUCTIONS AND CONTROLS] BACK PANEL



1. LINE LEVEL INPUTS: These connectors are for unbalanced line-level inputs and accept standard RCA audio interconnect cables.

2. BALANCED INPUTS: These connectors are for balanced line-level inputs and accept bare wire input connections via Phoenix connector blocks.

3. DIGITAL INPUTS: These connectors are for digital audio inputs and accept coaxial or optical input connections.

4. ANALOG OUTPUTS: These connectors are for line-level analog audio outputs and accept bare wire connections via Phoenix connector blocks or standard RCA audio interconnect cables.

5. LOGIC I/O & REMOTE CTRL: These connectors are for Logic Input/Output connections and Remote Control and accept bare wire connections via Phoenix connector blocks.

6. TRIGGER IN: This connection is for a Remote Trigger input and accepts a 3.5mm auxiliary cable.

7. TRIGGER OUT: These connections are for a Remote Trigger output and accept 3.5mm auxiliary cables.

8. ETHERNET: This connection is for an Ethernet connection to a network device and accepts RJ45-connector ethernet cable.

9. PRIMARY/POE: This connection is for a Dante/PoE connection to a Dante network and accepts RJ45-connector ethernet cable.

10. SERVICE PORT: This connection is used for service by the manufacturer.

11. DC POWER: This port is for an optional 12V DC power supply.

[RACK MOUNTING]

The DSM-16 is supplied with rack mounting adapters for the convenience of installing the amplifier in standard 19" equipment racks. The DSM-16 occupies one (1) standard rack unit position. The supplied adapters are easily attached to the left and right side of the DSM-16 chassis with the supplied screws. Depending on the application it may be necessary to remove the rubber isolation feet.

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