



# ***INSTALLATION INSTRUCTIONS***

**D5PS, D5PSE**  
**DIGI-5 Structured Wiring**  
**Digital Distribution System Power Supply**

## Safety Information



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.



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'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 the user to the presence of important operating and maintenance (servicing) instruction in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR SHOCK,  
DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

## IMPORTANT SAFETY INFORMATION

**Read Information** — All the safety and operating information should be read before the appliance is operated.

**Follow Information** — All operating and use information should be followed.

**Retain Information** — The safety and operating information should be retained for future reference.

**Heed Warnings** — All warnings on the appliance and in the operating instructions should be heeded.

**Wall Mounting** — Mounting of this appliance should be done only by an authorized installer.

**Ventilation** — The appliances should be situated so that their location or position does not interfere with their proper ventilation. These appliances should never be placed near or over a radiator or heat register. These appliances should not be placed in a built-in installation such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

**Non-Use Periods** — Appliances that are left unattended and unused for long periods of time should be de-energized.

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

**Power Cord Protection** — Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus.

**Water** — Do not use the apparatus near water.

**Cleaning** — Unplug the apparatus from the power outlet before cleaning. Use only a dry cloth to clean the apparatus.

**Power Lines** — An outdoor antenna should be located away from power lines. When installing an outside antenna system, extreme care should be taken to avoid touching power lines or circuits, as contact with them may be fatal.

**Object and Liquid Entry** — Never insert objects of any kind through the openings of these appliances, as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Care should be taken so that objects do not fall and liquids are not spilled into the appliance through openings in the enclosure.

**Servicing** — Do not attempt to service these appliances yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

**Damage Requiring Service** — These appliances should be serviced by qualified service personnel when:

- A power supply connection or a plug has been damaged or
- If liquid has been spilled into the appliance or objects have fallen into the appliance or
- The appliance has been exposed to water or moisture or
- The appliance does not appear to operate normally or exhibits a marked change in performance or
- The appliance has been dropped or the enclosure damaged.

**Replacement Parts** — When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

**Safety Check** — Upon completion of any service or repairs to this audio product, ask the service technician to perform safety checks to determine that the audio product is in proper operating condition.

**Lightning Storms** — Unplug this apparatus during lightning storms or when unused for long periods of time.

**Attachments and Accessories** — Use only attachments/accessories specified by the manufacturer.

**Cart, Stand, Tripod, Bracket or Table** — Use only with a 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.

**Disconnect Device** — Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain operable.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not in-stalled and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by Xantech could void the user's authority to operate the equipment

### **Caring For the D5PS, D5PSE**

Clean only with a dry soft cloth.

It is important to properly care for your D5PS Digital Audio Power Supply. Follow these guidelines to ensure your device is preserved and protected.

- Do not expose the D5PS to rain, liquids or moisture for an extended period of time.
- Do not expose the D5PS to temperature extremes.
- Do not place any objects on top of the D5PS to prevent chassis damage.

### **Operating Temperatures & Environments**

Operating Temperature: -4-158°F (-20-70° C)

Humidity: 20-90%

### **Precautions**

- Always exercise care when operating the D5PS Digital Audio Power Supply.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- In the unlikely event that smoke, abnormal noise, or strange odor is present, immediately power the D5PS off. Please report the problem to your dealer immediately.
- Never attempt to disassemble the D5PS. You will lose any product warranty on the unit.

## Introduction

### Exceptional Performance

The D5PS Digital Audio Power Supply delivers clean, efficient power to Digital Audio Distribution System. Connected to the D5SH4 (or D5SH), the D5PS Digital Audio Power Supply can provide sufficient power for a complete 4 source, 4 zone digital audio distribution system. Additionally, the D5PS has enough power capacity to supply power directly to each individual keypad zone for even higher dynamic audio performance.

### About DIGI-5 Technology

DIGI-5 is a revolutionary new technology standard that provides a complete end-to-end digital audio solution over CAT-5 wiring. DIGI-5 is based on advanced digital distribution and amplification circuits that allow multi-room audio systems to be installed quickly and cost effectively.

DIGI-5 is a collaboratively developed technology that is licensed by the Linear Home Technology Group and is being initially integrated on a Linear group-wide basis, targeted to expand market and consumer acceptance of such systems.

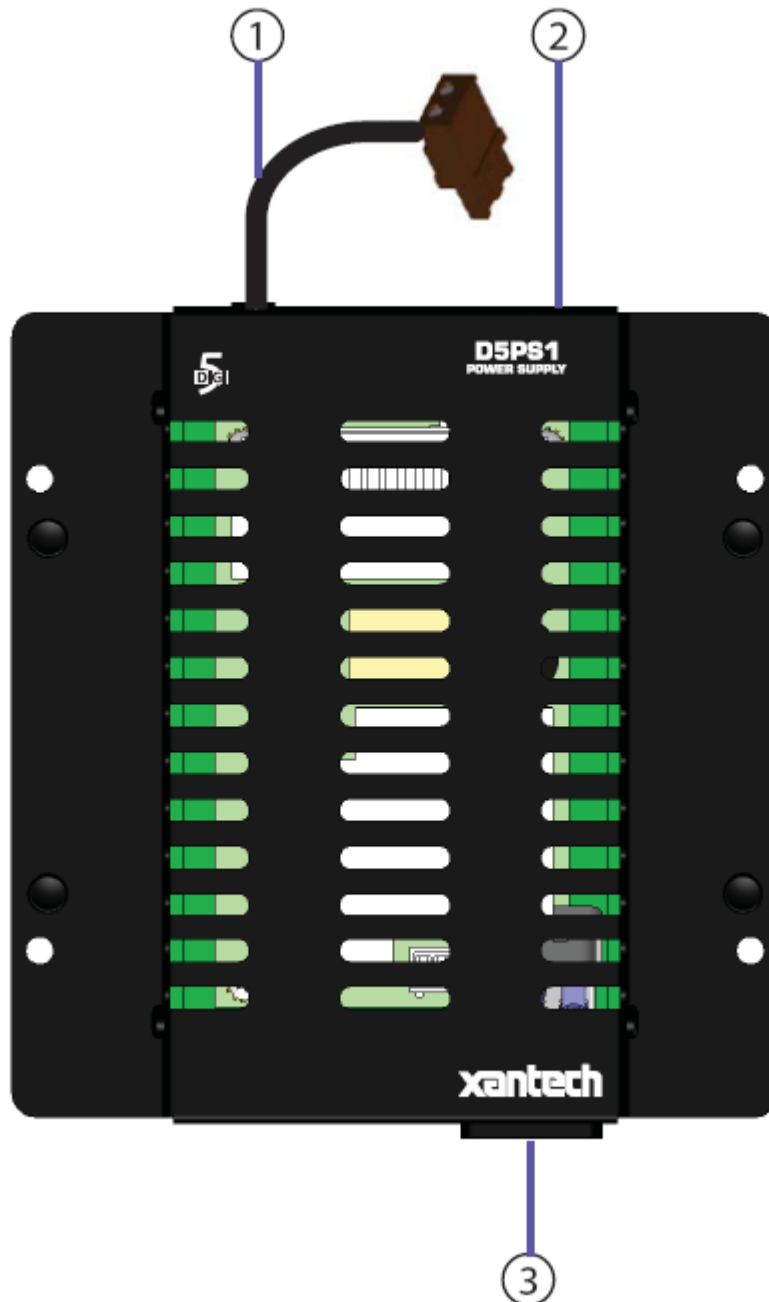
### Features

- +24VDC, 8Amp featuring 89% power efficiency
- Protections: Short circuit, over load, over voltage, over temperature
- Universal AC Input (90-264VAC, 47-63 Hz) (2.2A/115VAC, 1.2A/230VAC)
- Structure Wiring Universal Mount: Adaptable to all manufacturers tubs

### D5PS Accessories

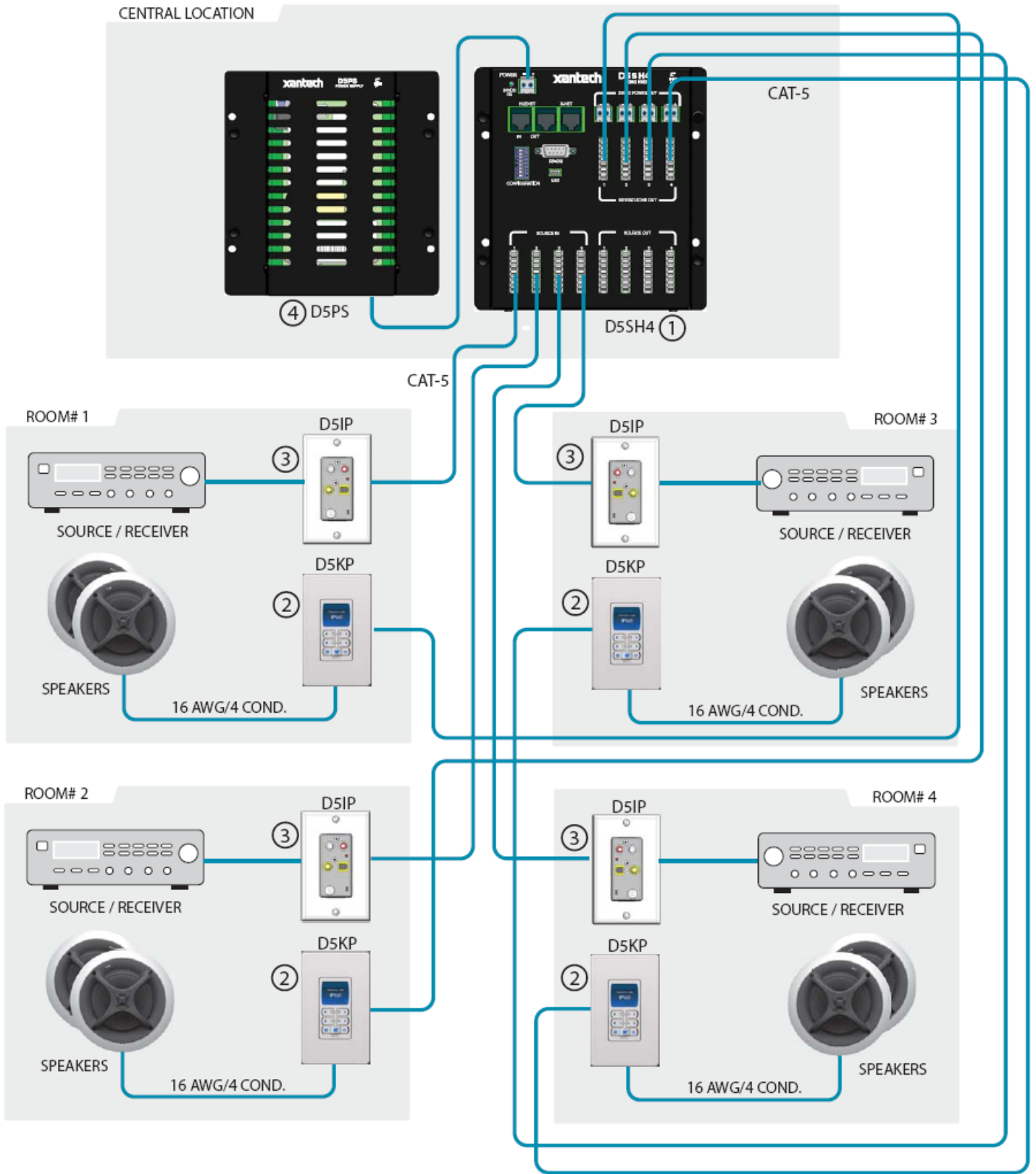
- D5SH Single Source, Four Zone Digital Audio Distribution Hub
- D5SH4 Four Source, Four Zone Digital Audio Distribution Hub
- D5KP Amplified Keypad
- D5IP Source Input Wall Plate
- D5MR Slim-line IR Remote
- D5LR Advance Learning Remote Control

## DIGI-5 Power Supply



		<b>Function</b>
1	24VDC Power Out	Connects to D5SH or D5SH4 DDS Hub and provide power for the entire Digital Delivery System.
2	Power indicator LED (located inside enclosure)	Displays power condition. "On" LED indicates power supply is active.
3	AC Power In	Connects to AC power source. A standard IEC connector is used and is compatible with many cord sets (included)

# Application Example



## Specifications

Power Input	90-264VAC, 47-63 Hz,
	2.2A/115VAC, 1.2A/230VAC

Dimensions	
H x W x D	6 1/2" x 6 3/4" x 2 3/8" (16.5 cm x 17.1 cm x 6.1 cm)
Weight	2.4lbs (1.1kg) Unit Weight 4.8 lbs (2.2kg) Shipping Weight

Xantech Corporation

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# Xantech Limited Warranty

(Effective for products sold after July 1, 2006)

Xantech Corporation ("Xantech") warrants to the holder of a valid proof of purchase as the first end-user purchaser ("You"), its products to be free from defects in materials and workmanship for the periods specified below from the date of purchase. This limited warranty extends only to You for product purchased and used in the United States of America. For product purchased outside of the United States of America, the terms of this warranty apply EXCEPT that You must contact the Xantech authorized distributor in your region for warranty services. Product is not intended for end user installation. If within the applicable warranty period above You discover such item was not as warranted above and You promptly notify Xantech in writing, Xantech shall repair or replace the items at its option. Xantech may elect which remedy or combination of remedies to provide in its sole discretion. Xantech may use functionally equivalent reconditioned/refurbished/pre-owned or new products or parts under this limited warranty. This warranty shall not apply (a) to product which shall have been installed by other than an authorized Xantech installer, (b) to installed product which is not installed to Xantech's specifications, (c) to product which shall have been repaired or altered by others than Xantech, (d) to charges for installation or set up or adjustment of customer controls, (e) to product that has suffered normal cosmetic deterioration (f) to product which shall have been subjected to negligence, misuse, abuse, accident, or damage by circumstances beyond Xantech's control, including, but not limited to, lightning, flood, electrical surge, tornado, earthquake, or any other catastrophic events beyond Xantech's control, or (g) to product which shall have been subjected to improper operation, connected equipment failure or malfunction, inadequate packing or shipping damage, maintenance or storage, or to other than normal use of service. The foregoing warranties do not cover reimbursement for labor, transportation, shipping, removal, installation, or other expenses which may be incurred in connection with repair or replacement. All claims for product shipping damage must be processed within 3 days of receipt by You.

A Xantech Return Authorization (RA) must be obtained from Xantech by You, your installer or your distributor for Product covered under this warranty. Covered product must be sent to Xantech together with proof of purchase, RA number, prepaid and insured to Xantech. Freight collect shipments will be refused. Risk of loss or damage in transit is borne by the sender. Xantech's warranty does not cover Products which have been received improperly packaged, altered, or physically damaged. Products will be inspected upon receipt.

Except as may be expressly provided and authorized in writing by Xantech, Xantech shall not be subject to any other obligations or liabilities whatsoever with respect to equipment manufactured or sold by Xantech or services rendered by Xantech.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESSED AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

## ATTENTION: TO OUR VALUED CONSUMERS

To insure that consumers obtain quality pre-sale and after-sale support and service, Xantech products are sold exclusively through authorized dealers and authorized distributors. The warranties on Xantech products are NOT VALID if the products have been purchased from an unauthorized dealer or distributor. In order to determine if your Xantech reseller is authorized, please call Xantech (800) 843 - 5465.

<b>XANTECH PRODUCT</b> (go to <a href="http://Xantech.com/warranty">Xantech.com/warranty</a> for model numbers)	<b>WARRANTY DURATION</b>
IR Receivers and IR Emitters	Limited Lifetime
A/V distribution and Control	Limited Lifetime
Remote Control Switchers	Limited Lifetime
Modules and Connecting Blocks	Limited Lifetime
Accessories	Limited Lifetime
Speakers	Limited Lifetime
Volume Controls and Speaker Selectors	5 year Limited
DIGI-5, MRC, BX, ZPR and Commercial Products	2 year Limited
Amplifiers	2 year Limited
Control Interfaces	2 year Limited
Hand Held Remote Controls	1 year Limited
SPLCD Product	1 year Limited
Source Components	1 year Limited