

AVIONICS DESIGN SERVICES LTD.
ENGINEERING ORDER

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SERVICES LTD.
RELEASED

NUMBER: EO13015-6

MANUFACTURER: Airbus Helicopters

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ISSUE: 1

MODEL: AS 350B, B1, B2, B3, BA, D

DATE: Sept. 25, 2025

REGISTRATION: N/A

APPROVED: *Chin Heidel*

SERIAL NUMBER: N/A

INSTALLATION INSTRUCTIONS FOR THE TECHNISONIC DIGITAL AUDIO SPLITTER
(AS 350)

I. GENERAL INFORMATION

A. DESCRIPTION

The purpose of this Engineering Order is to provide instructions for the mechanical installation of a Technisonic DAS-9000 Digital Audio Splitter. No electrical connections are made to the unit.

B. APPLICABILITY

AS 350 rotorcraft with a Technisonic TDFM-9000 Series transceiver installed.

C. WEIGHT AND BALANCE

The DAS-9000 weighs 0.85 pounds. Final installed weight including structural provisions and fasteners is determined by installer.

D. ELECTRICAL LOAD DATA

Not applicable.

E. REFERENCES

1. Avionics Design Services Ltd., TIL FM Transceiver Install, EC AS-350, WD13004
2. Airbus Helicopters, AS350 Standard Practices Manual
3. FAA, Advisory Circular - Acceptable Methods, Techniques, and Practices - Aircraft Inspection and Repair, AC43.13-1B
4. FAA, Advisory Circular - Acceptable Methods, Techniques, and Practices - Aircraft Alterations, AC43.13-2B
5. Technisonic, DAS-9000 Digital Audio Splitter Installation Instructions, 24RE647 Rev. N/C (or later approved revision).

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II. INSTRUCTIONS

Note - For all installations, the practices and procedures provided in the Airbus Helicopters AS350 Standard Practices Manual, FAA AC43.13-1b, and AC43.13-2b MUST be followed.

Note - The following procedure is to be accomplished with rotorcraft power off.

1. The DAS-9000 Digital Audio Splitter (P/N: 241309-1) must be installed on either the rotorcraft's secondary or tertiary structure, in a location close to its applicable TDFM-9000 series transceiver. The footprint of the DAS-9000 is provided below in Figure 1 for reference.
2. If a mounting plate/ bracket is used, fabricate using appropriate materials to suit the chosen installation location, in accordance with standard practices. Secure the DAS-9000 to the plate/ bracket using four sets of appropriately-sized standard aviation grade fasteners. The plate/ bracket assembly must then be installed onto the rotorcraft secondary or tertiary structure using standard aviation grade mounting hardware.
3. If no mounting plate/ bracket is used, install the DAS-9000 directly onto the rotorcraft secondary or tertiary structure using four sets of appropriately-sized standard aviation grade fasteners.

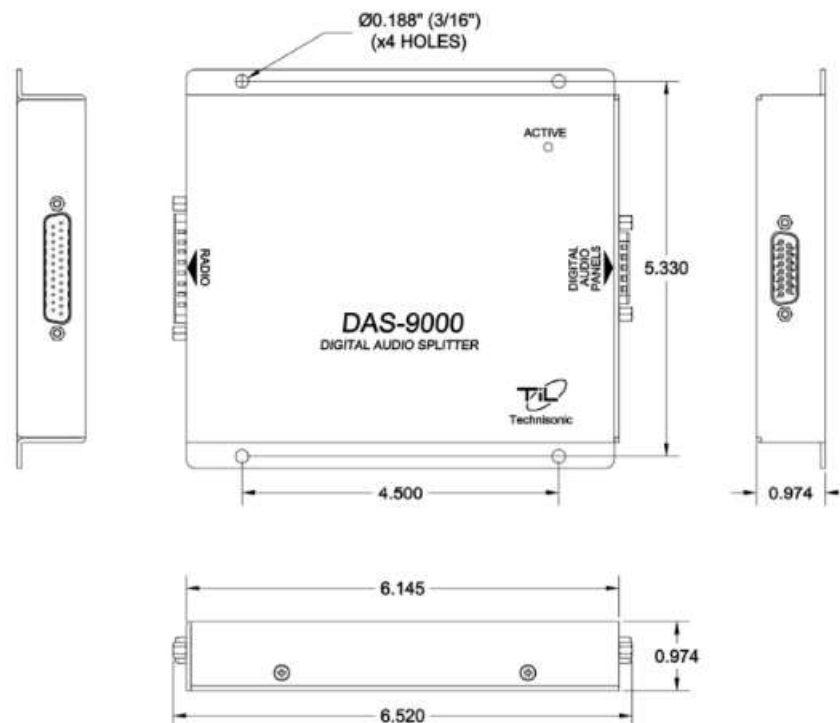


Figure 1 - DAS-9000 Installation Footprint

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