

Audio & Radio Control Display Unit

ARCDU

COBHAM

The most important thing we build is trust



TOTAL COMMUNICATION CONTROL



- Single point-of-control for all audio and radios
- Intuitive & easily configurable menu pages
- Saves significant space & weight
- Compatible with civil/military radios
- Optional NVIS compliance

Product Features

The Audio & Radio Control Display Unit (ARCDU) is an intuitive device permitting quick access to navigation, communication, Air Traffic Control, and identification radios on civil, tactical and military platforms. It benefits from a dynamic, configurable display, software data loading function, and modular design to match your highest requirements.

It's the most easily-customized controller display unit, perfectly suited for line-fit and retrofit programs for helicopters, trainers and mission aircraft. It can be associated with two different AMUs for up to 10 operator interfaces: AMU for trainers and medium/heavy mission aircraft; and AMU for helicopters and light mission aircraft.

The typical architecture is composed of 2 ARCDUs, 1 AMU and optional ACPs.

It is compatible with most radios using ARINC429, RS422, RS485 and MIL-STD-1553. Specific interfaces may be made available on request.

About Cobham Aerospace Communications

Cobham Aerospace Communications is a global supplier of avionics and slip-ring solutions for civil and military applications.

Current available versions:

Audio & Radio Control Display Unit: ARCDU

Power Supply: 28 VDC, <0.9 A with heater, <0.6 A without heater

ARINC 429 (Hi/Lo), 9 Tx, 16 Rx

RS 485/422: 2 full + 1 half

MIL-STD-1553, spare

Discretes I/O: 23 in/18 out

Display Backlight: LED

Dimensions/Weight (approx.):

Dimensions: 4.49" H x 5.19" D x 5,75" W (see drawing)

Weight: 3.09 lbs (1.4 Kg)

Display Area: 2.56" H x 2.41" W (65 mm H x 61.2 mm W)

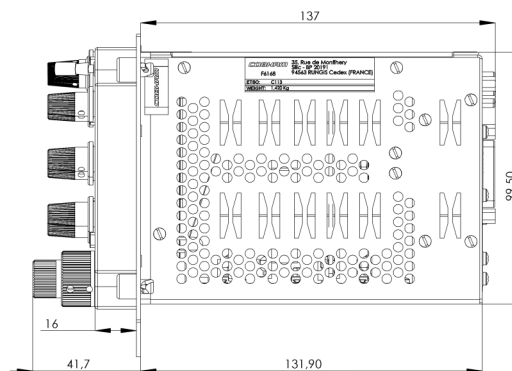
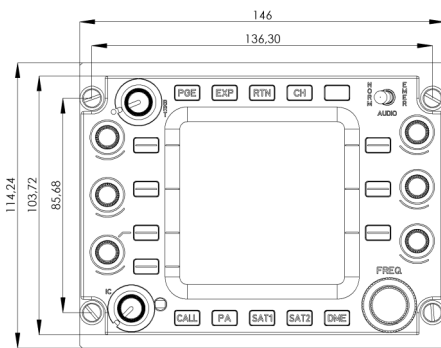
Compliance:

ED14F / RTCA D0160F

ED80 / RTCA D0254, Level B

ED12B / RTCA D0178B, Level B

ETSO C113



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More Information

For more details about systems integrating ARCDU, please contact us and consult our ARMS Compact, ARMS Extended, Helicopter and Special Mission Aircraft leaflets.