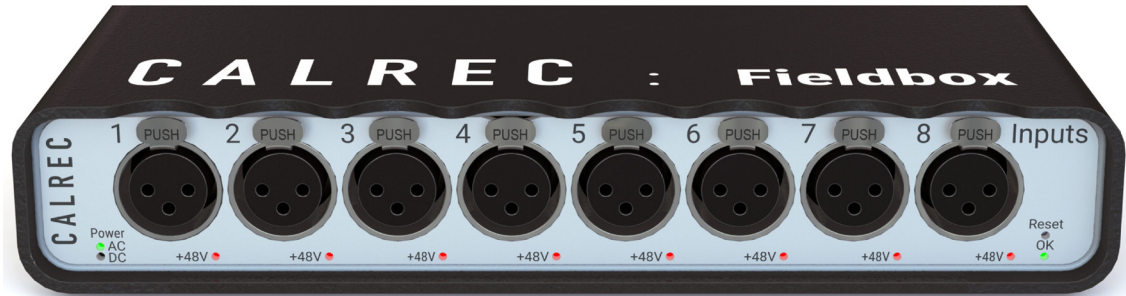


# FIELDBOX (AD6217)



## Specifications

- 8 x Analog Mic/Line inputs on XLR, with remote control over gain and phantom power
- 8 x Line level analog outputs (Standard AES59/"Tascam" female D-25 pin-out)
- Redundant Hydra2 connectivity on SFPs
- Optional future AoIP connectivity module
- 100-240V AC input
- 10-30V DC input
- Optional external PSU available for power redundancy
- Max power consumption 25W
- Fan-less design
- 1U, "half-width" enclosure (2 x units can fit side by side on a rack-mount shelf)
- Fixing holes in the base

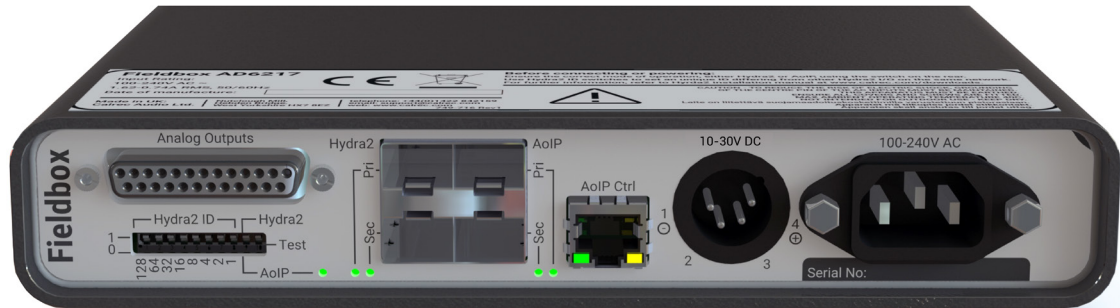
## Overview

The Fieldbox offers cost effective I/O solutions, by providing a smaller number of inputs and outputs it allows units to be located closer to their sources, making savings on rigging time and overall cabling cost. They also reduce cable storage and transport, and maximise audio performance by reducing distance that analog mic level signals are carried.

Fieldbox applications are not limited to outside broadcast, they can benefit any fixed or temporary installation where a small number of analogue inputs and/or outputs are required in a specific location, such as control room monitor feeds, small studios and voice-over booths.

The Fieldbox provides all of the benefits of Hydra2 in a cost-effective package. The unit functions just like any other Hydra2 I/O, providing remote control over input settings, and utilising Hydra2's sophisticated sharing, protection and access management system with active status monitoring, and a backup Hydra2 network connection.

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## Battery operation

Batteries can be used as a backup to the AC supply, or as the primary power source. There is no drain on the battery whilst the unit is fed with AC, yet switch-over from AC to DC is seamless. System Status warnings are sent across the network and front panel LED indication is provided if the battery level is low.

ISO 7637-2 circuitry provides bomb-proof protection against surges, reverse polarity and other power faults.

A wide range of suitable batteries are commonly available from broadcast suppliers. Calrec recommends the use of Anton Bauer G150 batteries in conjunction with their QR-UNIV XLR mount to provide a runtime in excess of 12 hours. "Hot-swap" battery mounts are also available to fit 2 batteries that can be individually swapped out without interrupting operation.

## AoIP

The Fieldbox has been designed to support future Audio over IP connectivity for use with shared IP networks. AoIP functionality would be provided by fitting an optional sub-card within the unit. This feature future proof's customer investment by offering compatibility with new network standards as they become adopted.

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