



IOC416 IRIG TIME INPUT TO IRIG TIME OUTPUT MODULE

FEATURES

- One independent analog IRIG time level inputs
- Three independent analog IRIG time level outputs
- 1 KHz to 100 KHz bandwidth
- Independent input gain control
- Utilizes chassis front panel signal indicator LED's
- Inputs drive daisy chain bus
- High current outputs
- IRIG-A, B, D, E, G, H compatible
- NASA 36 compatible



OVERVIEW

The IOC416 Pluggable Interface Module receives and terminates one independent analog IRIG signal; buffers and drives the signal to the chassis daisy chain bus; and reproduces three analog IRIG output signals. The IOC416 uses one BNC input connectors, three BNC output connectors, and operates up to 100 KHz. IOC416 outputs are sourced from the input providing for a 1 in 3 out distribution. The input has a gain adjustment located behind the panel of the card which is accessible via a trimming tool below and to the right of the input connector. The IOC416 drives the daisy chain bus of the AL2073 chassis, and when matched with an IOC402 (four output analog IRIG card), a single input can be reproduced up to 52 times in an AL2073 chassis. Front panel LED's on the 2073 chassis will illuminate when there is an active input to the IOC416 providing a quick look feature that input signal is present. The IOC416 requires one slot of the 14 available slots in the AL2073 chassis.

SPECIFICATIONS

GENERAL

Single Slot Module (3" x 6" x 0.9")
Model 2073 Pluggable Interface Module

INPUT

Single Input
1 KHz to 100 KHz
Gain adjustable

OUTPUT

Three Outputs
High current

APPLICATION INFORMATION

The IOC416 can also be used in a distribution application where the Daisy Chain Bus is used to distribute multiple copies of one or both input signals.

This module can also be plugged into Apogee Models:

AL2873: Configurable Interface Unit
AL2073S: Single Interfacer Chassis
AL1073: Four slot Interfacer Chassis