

## 7700 Series Digital to Analog Module



### Features

- 16 channels of analog output
- User selectable output ranges
- Continuous feedback of output Resolution (16 bits)
- Units/Volt column calculates scaling automatically

The Digital to Analog Module (D/A) utilizes a graphical interface for configuration of up to 16 channels for analog output to other laboratory devices. The user may choose any available 16 channels from the array of signal conditioners in the ACQ-7700 chassis. Simply selecting a desired input channel from one of the available signal conditioners automatically loads that channel's information into the D/A module. Features of the D/A provide filtering, output resolution and user selectable output ranges which assist in optimizing signal output. Also, automatic calculation of Units/Volts of the output signal provides researchers with instant information for configuration into chart recorders or other laboratory devices.

# Technical Data Sheet

## Model 13-7715-68

### Digital to Analog Module

#### SPECIFICATIONS

##### General

# Channels 16 analog outputs  
Resolution 16 Bits maximum

##### Output Ranges

Current: 50mA max  
Voltage:  $\pm 5.00V$   
Gain Accuracy:  $\pm 0.2\%FS$   
Noise: 3mVRMS  
Impedance:  $< 0.2\Omega$

##### Accuracy Specifications

Offset worst  $\pm 0.5\%$  Full Scale Max (at case 0-2.5V output)  $\pm 6.25mV$  all output settings.

#### ORDERING INFORMATION

Part Number	Description
13-7715-68	D/A Modules
J03476-2	D/A BNC Output Box

**\*Requires at least one 7700 series signal conditioner**

*Specifications are current at publication.  
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