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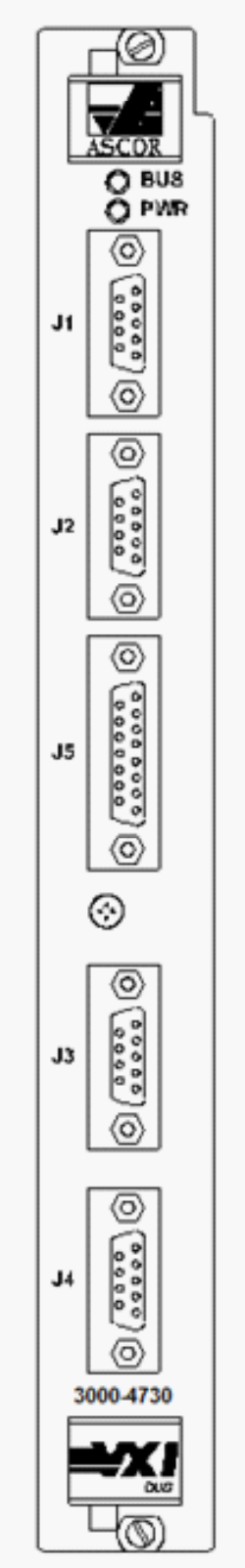
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Find the *Astronics / Giga-tronics / Ascor 3000-4730* at our website: ***Click HERE***

Model 3000-4730

12 CHANNEL DAC, 16 BITS



Product Description

Tektronix has chosen to exit the VXI module market. This has caused some concern with users who have Tektronix modules running in systems which still have to be maintained for some indefinite future period. Giga-tronics ASCOR, drawing on its 15 years of producing general purpose VXI modules, has designed functionally equivalent replacements for a number of Tektronix modules. However we have gone beyond just functional equivalence, we provide a unit which is both hardware and, with ASCOR's Plug&Play drivers, software compatible with existing systems.

Compatibility

- **HARDWARE** - From the hardware front panel, . Giga-tronics ASCOR has chosen to take the "clone" approach. The front panels have the same connectors with the same signals appearing on the same pins as the original Tektronix modules. No adaptor cables or cross-reference charts are needed. Hardware *Plug&Play*.
- **SOFTWARE** - The Giga-tronics ASCOR *Plug&Play* software driver, which is provided for each unit, replaces the Tektronix *Plug&Play* software driver. When the ASCOR driver is installed it will run either the original Tektronix unit or the ASCOR replacement at the same time in the same chassis. No changes to any system code are needed.

Future OBSOLESCENCE

While ASCOR has taken a "clone" approach to the front panel connectors, inside the module is a different story. Again using its 15 year history of designing superior VXI modules, ASCOR designs the inside circuitry using the latest parts and technology. There is no worry of the Giga-tronics ASCOR unit becoming obsolete because of the parts used. Strict adherence to transmission line design ensures a module with greater bandwidth and lower cross-talk than the original Tektronix unit.

www.gigatronics.com | inquiries@gigatronics.com
800.726.4442 (USA) | +1 925.328.4650 (International)

Giga-tronics ASCOR

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Model 3000-4730

12 CHANNEL DAC, 16 BITS

Specifications

- **Electrical**
  - **Single ended, Bipolar 16 bit DAC**
  - **Voltage Max = ±16.3835V**
  - **Current Max = 60ma/ch all driven**
    - **12ch total < 720ma**
- **Power Requirements**
  - 5 volts @ 2.0A
  - +24 volts @ 1.4A
  - -24 volts @ 1.4A
- **Environmental**

  Temperature
  - Operating 0° to 55°C
  - Storage -40° to 75°C

  Humidity (non-condensing)
  - Operating 10 to 90%
  - Storage 0 to 95%
- **Mechanical**
  - "C" size VXI
  - Weight 3lbs

- All ASCOR cards have built-in circuitry to verify both the control signal from the programming register, as well as verifying the relay coil is intact.
- All Switching modules feature built-in memory to maintain the service record of the unit with time stamping.
- All Modules carry a full 3 year Warranty

Ordering Information

Model #	Description	Manufacturer #
3000-4730	12 Channel DAC, 16 bits [TEKTRONIX VX4730], Register Based Module	90401320

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