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Find the *Jorway 74B* at our website: ***Click HERE***

# PRODUCT SELECTION GUIDE

The Product Summary identifies products available from the Jorway Corporation. Please CONTACT the factory for full details on a specific product of interest.

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Specific data sheets on some of our more popular products are available for viewing on this web site:

### Model 73A Full SCSI CAMAC Crate Controller

The Jorway Model 73A allows up to 7 CAMAC Crates to be controlled by a personal computer or workstation using the popular Small Computer System Interface (SCSI) Bus (ANSI Standard X3.131).

[ Product summary ] [ Complete data sheet in pdf format - 119k ]

### Model Aurora 14 6 Channel 1 MHz Transient Recorder

The Aurora 14 Transient Recorder is fully self contained analog waveform digitizer capable of simultaneous sampling of data on six separate channels all at rates up to 1 MHz. Housed in a single width CAMAC module, each channel contains a separate differential amplifier, sample/hold, 12 bit Analog to Digital Converter, and up to 1024K word memory. With a separate A to D converter per channel, no analog multiplexer is required, resulting in excellent reduction of crosstalk between channels. Overloading of one channel has a negligible effect on other channels.

[ Product summary ] [ Complete data sheet in pdf format - 513 ]

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## PRODUCT SUMMARY

### *** CAMAC IEEE STANDARD HIGHWAY DRIVERS FOR PROCESSORS WITH SCSI BUS PORTS ***

| MODEL | DESCRIPTION |
|---|---|
| 411-2572 | ENHANCED SERIAL HIGHWAY, 3 1/2 INCH HIGH 19 INCH RACK MOUNT |
| OPTION 1 | 411 OPTION 1, POWERED SINGLE CAMAC MODULE SLOT |
| | CONVERSION OF EXISTING 411's TO SCSI BUS |

### *** CAMAC CRATE CONTROLLERS and support modules ***

| MODEL | DESCRIPTION |
|---|---|
| **SCSI Controllers (Small Computer System Interface Bus)** | |
| 73A | FULL PROTOCOL SCSI CRATE CONTROLLER with LAM MASK and MAIL BOX MEMORY |
| 73A-1 | MODEL 73A, with Option 1: selectable for MASTER OR AUXILIARY operation |
| Option 2 | with Option 2 Model 73A is equipped to perform FASTCAMAC level 1 read operations |

**SCSI Cables, Maximum distance 6 Meters (other cable lengths available on request)**

| | |
|---|---|
| A5541-4 | CABLE, MODEL 73A SCSI HIGH DENSITY TO LO DENSITY MALE, 4m |
| A5560-4 | CABLE, SCSI, HIGH DENSITY MALE to HIGH DENSITY MALE, 4M |

| MODEL | DESCRIPTION |
|---|---|
| **PARALLEL HIGHWAY, IEEE STD 596** | |
| 71B | TYPE A-2 CRATE CONTROLLER |
| 71B-1 | TYPE A-2 selectable for MASTER OR AUXILIARY operation |
| w/options -2 &-3 | TYPE A-2 WITH MAILBOX MEMORY AND LAM MASK |
| 270 | LAM SCANNER AUXILIARY CONTROLLER |

**PARALLEL BRANCH HIGHWAY CABLE**

CUSTOM CABLE ANY LENGTH,#24AWG 66 TWISTED PAIR CABLE WITH OVERALL

FOIL SHIELD AND PVC FLEXIBLE JACKET

**SERIAL HIGHWAY, IEEE STD 595**

74RG TYPE L-2 SERIAL CRATE CONTROLLER WITH REQUEST GRANT ARBITRATION
74B TYPE L-2 SERIAL CRATE CONTROLLER
174 TYPE L-2 SERIAL CRATE CONTROLLER WITH ENHANCED BLOCK TRANSFER MODES
with Option 2 ANY TYPE L-2 WITH OPTION 2, HIGH GAUSS MAGNETIC FIELD RELAYS
176 BYTE SERIAL HIGHWAY BYPASS OPTICALLY ISOLATED
176-R BYTE SERIAL HIGHWAY BYPASS NON ISOLATED
275 SERIAL HIGHWAY REQUEST GRANT ADAPTER

## *** CAMAC MODULES ***

**MODEL DESCRIPTION**

**DIGITAL INPUT and OUTPUT**

45 16 BIT TTL INPUT, 16 BIT TTL OUTPUT
45-S1 16 BIT OPTICAL ISOLATED INPUT, 16 BIT RELAY OUTPUT

**DIGITAL INPUT**

60A DUAL CHANNEL, 24 BIT REGISTER
63 NIM INTERRUPT REGISTER + MASK
64 TTL INTERRUPT REGISTER + MASK
66 ADC/TDC INTERFACE

**DIGITAL OUTPUT**

40A DUAL CHANNEL, 24 BIT REGISTER, TTL OPEN COL., LOGIC "1" LOW,
26 PIN RIBBON TYPE CONNECTOR WITH EJECTORS
ALTERNATE OUTPUTS:
40A-1 TTL TOTEM POLE LOGIC "1" LOW
40A-2 OPEN COL. 300ma SINK, LOGIC "1" LOW
40A-3 OPEN COL. 300ma SINK, LOGIC "1" HIGH
40A-4 TTL TOTEM POLE , LOGIC "1" HIGH
40A-5 TTL OPEN COL., LOGIC "1" HIGH
40A-8 TTL TOTEM POLE (74S38), LOGIC "1" LOW
ALTERNATE CONNECTORS
OPTION A STD 26 PIN IDC RIBBON TYPE WITH EJECTORS
OPTION.B 31 PIN DOUBLE DENSITY 2DA31P
OPTION C 52 PIN DOUBLE DENSITY 2DB52P
OPTION D 34 PIN IDC RIBBON TYPE
SPECIAL FEATURES
OPTION V 24 LED VISUAL DISPLAY EACH CHANNEL

41 REGISTER, 12 BIT, NIM LEVEL

**ANALOG INPUT AND TRANSIENT RECORDERS**

AURORA 14 6 CHANNEL X 128K,1 MHz 12BIT TRANSIENT RECORDER
with Option 1 Memory increased to 512k words per channel
with Option 2 Memory increased to 1.024 mega words per channel
30B ADC, 12BIT
32 DUAL ADC, 12BIT

**ANALOG OUTPUT**

33 DUAL DAC, 12BIT
232 8 CHANNEL, 12BIT, DAC
232-2 232, 2 PIN LEMO FRONT PANEL OUTPUTS
232-3 232, 50 PIN CONNECTOR FRONT PANEL OUTPUT
232-4 232, DIFFERENTIAL OUTPUTS

**CLOCK TIMING AND SEQUENCING MODULES**

217-1 GATED CLOCK GENERATOR WITH CONTROL REGISTER
221 12 CHANNEL TIMING AND SEQUENCE, 1K MEMORY
221-1 4K MEMORY CAPACITY
221-L SINGLE WIDTH LEMO PANEL FOR MODEL 221 OUTPUTS
222 12 CHANNEL 5 VOLT 50 OHM DRIVER( includes connecting cable A5139)
224 TIMED BASE (TRANSIENT RECORDER BURST CLOCK)

**SERVICE AND DIAGNOSTIC MODULES**

11A MODULE EXTENDER
11A-2 11A WITH 36 PIN OPTION
201-4 MANUAL INPUT-OUTPUT WITH WRITE-READ REGISTER
203 DIAGNOSTIC DATAWAY DISPLAY WITH REGISTER READBACK

## *** POWER CAMAC CRATES ***

[ Home ] [ Model 73A ] [ Model Aurora 14 ]

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