

7700R-SC-BRC

System Controller, Single Processor

The 7700R-SC-BRC System Controller provides third-party interfacing to Evertz' routers and control systems. With its Ethernet networking and comprehensive interface connections, the 7700R-SC-BRC provides a platform to manage third-party communication and interface requirements for routing systems. The module is designed to allow bi-directional (where required) communication between Evertz' routers and control systems and third-party systems (like third-party router controllers, third-party routers, automation systems, production switchers, etc.), and can be configured to allow Evertz' devices to control third-party devices and/or to allow third-party devices to control Evertz' devices. Name data for router control system (often

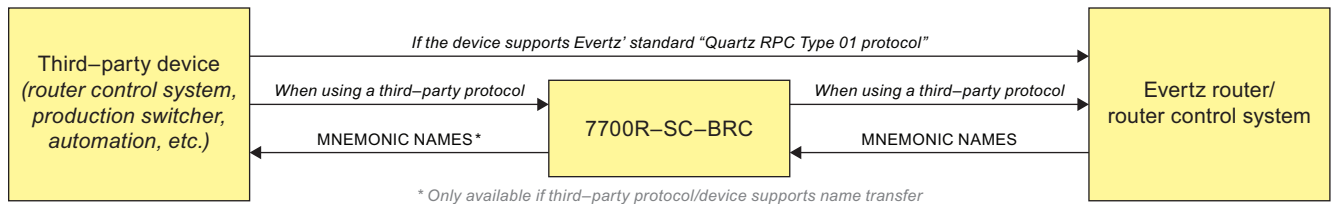
referred to as mnemonics) can be transferred from Evertz' router control systems into the 7700R-SC-BRC and are available to third-party systems using a protocol that supports mnemonic transfer. SNMP monitoring support via VistaLINK® PRO allows efficient monitoring and configuration of the 7700R-SC-BRC system controller.

The 7700R-SC-BRC is a 2-slot module and can be housed in: the 1RU 7701FR frame that holds up to three single- or dual-slot modules; the 3RU 7800FR frame that has a 15-slot capacity; the portable 3RU 350FR frame that has a 7-slot capacity; or a standalone enclosure that holds a single module.

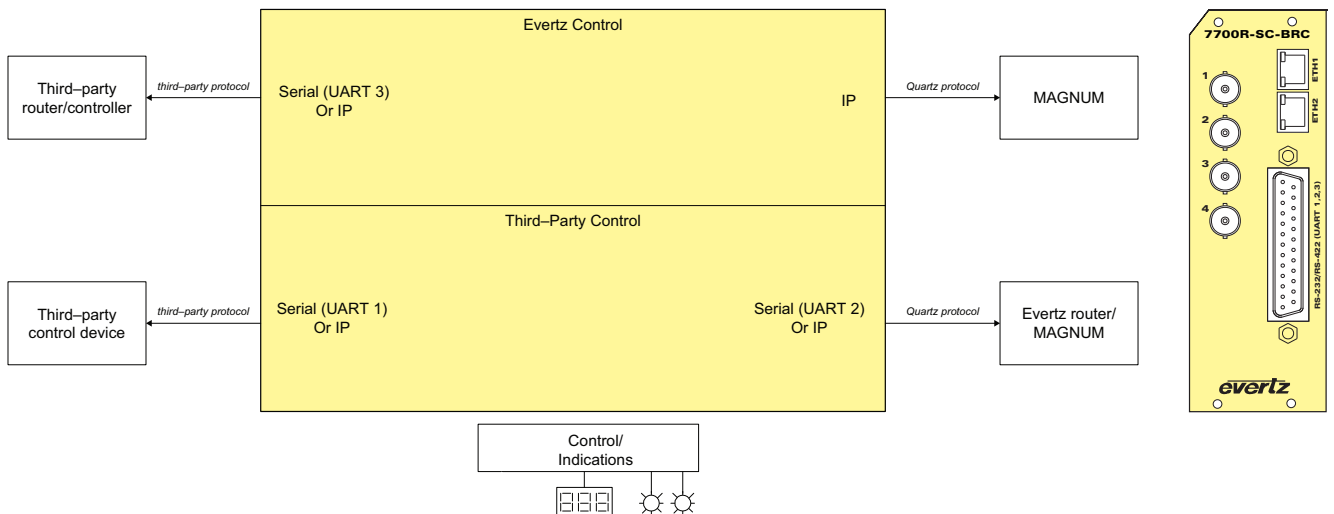
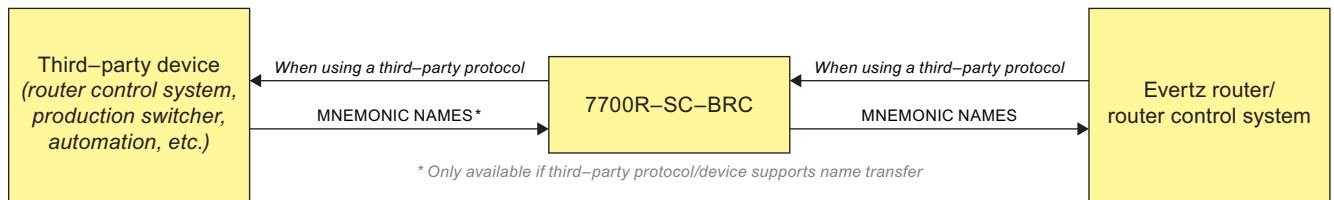
► Features & Benefits

- Third-party control can be via serial or TCP/IP, determined by protocol choice
- Evertz' control can be via serial or TCP/IP, determined by protocol choice
- Can allow control of third-party devices or can allow control of Evertz' routers/control system from third-party
- Fast boot-up time
- NVRAM for crosspoint status storage
- Three serial ports (RS-232/RS-422 selectable)
- Ethernet port supporting TCP/IP for configuration and router control
- Not all protocols may be displayed here, please contact your sales representative with any questions

► Third-party control of Evertz routers and router control systems



► Evertz control of third-party routers and router control systems



► Specifications

Connector: RJ-45 10/100Mb
Ports: 2

Serial Ports:
Number of Ports: 3 (RS-232/RS-422)
Connector: Female BD25

Third-Party Control of Evertz® Routers/Magnum Control System		
Product	Protocol	Format
Snell Kahuna production switcher	Natively supports Quartz protocol, no 7700R-SC-BRC required	Serial
Avid Capture Manager	GVG-RCL	Both
Sony MVS-8000 production switcher	Sony ROT16 (SONY HKSP-R80 to convert S-BUS to ROT16 required)	Ethernet
Wheatstone audio console	Natively supports Quartz protocol, no 7700R-SC-BRC required	Serial
Thomson GVG Kalypso production switcher	SMS7000 (GVNP — Grass Valley native protocol)	Serial
Ross production switchers	Pro-Bel SW-P-08	Serial
Ross production switchers	Pro-Bel SW-P-02	Both
Thomson GVG Encore router controller	GVG-RCL	Both
Pesa 3500Pro router controller	PESA CPU Link protocol 1	Serial
Phillips/BTS/Jupiter (GVG) VM3000/CM40000 router controller	Phillips/BTS ES Control	Serial
Phillips/BTS/Jupiter (GVG)	Phillips/BTS ES Switch	Serial
Nvision NV9000 router controller	Nvision NVEP	Ethernet
Image Video TSI-1000 tally/UMD manager	Natively supports Quartz protocol, no 7700R-SC-BRC required	Both
AMX/Crestron	Natively supports Quartz protocol, no 7700R-SC-BRC required	Both
VSM router control system	Natively supports Quartz protocol, no 7700R-SC-BRC required	Ethernet
BNCS control system	Natively supports Quartz protocol, no 7700R-SC-BRC required	Ethernet
Miranda PCS system	Natively supports Quartz protocol, no 7700R-SC-BRC required	Serial
Harmonic NMX control system	Pro-Bel SW-P-02	Both
Evertz Control of Third-Party Devices/Routers		
Product	Protocol	Format
Pesa Routers/router controllers	PESA CPU Link protocol 1	Serial
Phillips/BTS/GVG routers connected to a VM3000	Phillips/BTS VMSI ASCII	Serial
Phillips/BTS/GVG routers connected to a CM4000	Phillips/BTS VMSI ASCII	Serial
Nvision routers supporting serial	Nvision NVSP	Serial
Nvision routers supporting Ethernet	Nvision NVEP	Ethernet
Nvision routers slaved to an NV9000	Nvision NV9000	Ethernet
Legacy Sony routers	Sony Remote 2 protocol	Serial
Legacy Sony routers	Sony CART++	Serial
GVG routers	Phillips/BTS ES Control	Serial
GVG routers connected via SMS7000	SMS7000 (GVNP — Grass Valley native protocol)	Both
GVG routers	GVG-RCL	Serial
GVG routers	Phillips/BTS ES Switch	Both
Pro-Bel routers	Pro-Bel SW-P-02	Both
Pro-Bel routers	Pro-Bel SW-P-08	Both
Utah routers	RCP3	Both
Leitch routers	XY Protocol	Both
Stagetec Nexus routers	Matrix5	Both
LAWO routers	LAWO (RemoteMNOPL)	Serial
Sony MVS-8000 production switcher	Sony ROT16 (SONY HKSP-R80 to convert S-BUS to ROT16 required)	Ethernet
Automation/MAM/CAM Systems control of Evertz® Routers		
Product	Protocol	Format
Nverzion	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
Harris D Series	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
Harris ADC (Louth)	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
Avid (Sundance)	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
OmniBus (Colossus and ITX)	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
Avid Capture Manager	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
Pro-Bel	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
Vizrt Mosart	Natively supports Quartz protocol, no 7700R-SC-BRC required	Ethernet (IP)
Floral	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
Abit	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
Crispin	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
Dalet	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
DNF Controls	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
Pebble Beach	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
Pharos	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
Digital Rapids	Natively supports Quartz protocol, no 7700R-SC-BRC required	Ethernet
Ibis	Pro-Bel SW-P-02	Serial
Primestream/Building4Media	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
Aveco	Natively supports Quartz protocol, no 7700R-SC-BRC required	Contact Vendor
S4M VP MS Ingest Automation	Phillips/BTS VMSI ASCII	Serial

Ordering Information

7700R-SC-BRC System controller, single processor

Rear Plate Suffix:

+1RU 1RU rear plate for use with 7701FR multiframe
+SA Standalone enclosure rear plate
+3RU 3RU rear plate for 350FR, 7700FR-C or 7800FR multiframe

Enclosures:

350FR
7700FR-C
7800FR
7701FR
S7701FR

Portable multiframe, holds 7x single-slot modules
 3RU multiframe, holds 15x single-slot modules
 3RU multiframe, holds 15x single-slot modules
 1RU multiframe, holds 3x single-slot modules
 7700 Series standalone enclosure