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Data Sheet

August 13, 2026

ROHDE & SCHWARZ

Rohde & Schwarz NETCCU 700 Control Unit

Hardware platform for web server and SNMP without a separate PC Instrument Type:

Transmitter control unit Alias: NetCCU 700; R&S NetCCU 700; NETCCU700 Local User

Interface: LCD display and keypad Instrument Type: Transmitter control unit Alias: NetCCU 700; R&S NetCCU 700; NETCCU700 Local User Interface: LCD display and keypad Remote

Web: standard web browser, menus identical to local display



MODEL

Rohde & Schwarz NETCCU 700

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

NETCCU 700

LISTING

<https://aumictechlabs.com/products/netccu-700-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Rohde & Schwarz NETCCU 700 is a Linux-based control unit for managing and monitoring transmitter systems in broadcast environments. It has centralized command of network devices, automatic switchover logic for exciters and output stages, and emergency fallback operation to maintain transmission if the control unit becomes unavailable. The unit supports single transmitters, exciter standby, passive transmitter standby, and (n+1) redundancy configurations. Technical Specifications Operating System & Architecture Linux-based platform with XML parameter configuration Virtual device tree (VDT) bus for internal data exchange User Interface Web browser-based remote operation via R&S®NetLink software Integrated local display for on-site control Unified menu structure across local and remote interfaces Connectivity

Ethernet interface for PC and notebook control Serial interface supporting modem connection PCI slot for I/O expansion cards, including relay contact modules R&S®NetLink software for integrated remote control and real-time monitoringKey Features Automatic switchover between exciters and output stages across multiple standby topologies Emergency control pathway ensuring transmitter operation during control unit failure Modular expansion capability via PCI interface Consistent operational experience across local and remote platformsTypical Applications The NETCCU 700 addresses multi-transmitter broadcast installations requiring high availability and centralized network management. It enables rapid failover between primary and backup transmitter chains while maintaining on-air service continuity.Compatibility & Integration Designed for R&S®SV7002 family low-power transmitters Compatible with R&S®SV702 DTV Exciter Integrates with R&S®Nx7000 transmitter family Supports mixed vendor environments via Ethernet-based network architecture

NETCCU700 Characteristics / Specifications

PARAMETER	VALUE
Model	NETCCU 700
Manufacturer	Rohde & Schwarz
Instrument Type	Transmitter control unit
Alias	NetCCU 700; R&S NetCCU 700; NETCCU700
Order Number Class	2094.0002.02
Operating System	Linux
Local User Interface	LCD display and keypad
Remote Web	standard web browser, menus identical to local display
Remote SNMP	integrated SNMP agent with trap reporting
Exciter Interface	Ethernet
Amplifier Interface	CAN bus (family architecture)
DVBTRceiver Option	integrated module for transmitter output monitoring
DVBTMonitor Parameters	MER, BER, S/N, input level, modulation mode
Retransmitter Use	optional module feeds modulation from master transmitter RF
Standalone Role	control, monitoring, and remote control of low power transmitters
Network Role	hardware platform for web and SNMP network interfaces
Redundancy Function	monitors system parameters and switches on error
Target TV Family	NH/NV800 class (successor 800 is distributing center; 700 is predecessor)
Target FM Family	NR800 class (same uniform control concept)
NV7000 Use	listed as NV7000 series control unit spare
Form Factor	19 inch rack transmitter control
Software	uniform control software for TV and FM
User Interfaces	local, SNMP, and web for DVB-T monitor parameters
Successor	NetCCU 800 (2095.8007.02 class)
Literature	News from Rohde and Schwarz No. 185, pages 34 to 37

PARAMETER	VALUE
Function Set	transmitter control, local control, network interface
Electrical Ratings	confirm on unit label (public table is architecture, not mains ratings) Notes Specs from R&S News article on Transmitter Control Unit NetCCU 700 and family literature for NetCCU 800 architecture. Do not invent mains voltage or dissipation. Confirm DVB-T receiver option, Ethernet/CAN fit, and whether the chassis is 700 versus 800.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.