Ricochet 2U Compact Recorder (RCR2U)

Recording solution for 16 – 32 audio channels

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About Ricochet

400 installations across the world make Ricochet's technology the world leader in synchronised recording and replay within Air Traffic Control (ATC) and marine markets.

Ricochet's system solutions comply with international security standards and have been used in ATC with great success for more than a decade.

Being a part of Jotron's ATC and Coastal Communication Division, customers are offered a network of certified partners, local support and expertise in every corner of the world.

Ricochet Compact Recorder 2U (RCR2U) for 16 - 32 audio channels

RCR2U – Grand technology for small ATC operations!

RCR2U is specially designed for small ATC operations for recording up to 32 audio channels. The recorder allows the operators to install, operate and maintain their own recording and replay environment.

The system offers instant replay access and integrated replay and data management. The process is managed with few operations, and replay of a channel is done by a simple click.

Recording solutions supported by the RCR2U are mainly for audio and LAN-data recording. The audio can be E1/T1, VoIP or analogue - or a mix of them. The LAN-data can be any data streams, like radar.

RCR2U offers single and redundant configuration. A KVM-switch is an option for the redundant solution.

Optionally, radar can be recorded on synchronous serial inputs. Intended use is for recording of 16 or 32 audio channels and 2 LAN-data channels - with a high degree of built-in redundancy.

A 32 channels audio system will typically hold 4-6 months of recorded data on the online storage.

Physical data

- For 19'' rack: WxHxD: 482 x 88 x 480 mm (19" x 3.46" x 18.9")
- Fits in a comms-rack
- Dual hot-swap PSUs
- 1TB RAID-1 storage capacity
- 4 x LAN
- Sliding rails as option

Standard configurations

Configurations including analogue audio, include the 1U RLU for galvanic isolated interfacing/tapping of the lines.

16 channels system:

1. 16 analogue channels
2. 16 RTP/VoIP
3. Half trunk (E1/T1)

32 channels system:

1. 32 analogue channels
2. 32 RTP/VoIP
3. Full trunk (E1/T1)
4. 16 analogue channels and 16 RTP/VoIP
5. 16 analogue channels and half trunk (E1/T1)
6. 16 RTP/VoIP and half trunk (E1/T1)

Common options

- Rack-mount kit, sliding rails
- Keyboard, 17" LCD monitor, 1U drawer
- Sync serial interface, 2 ports. Note; available with 32 analogue or 16 analogue and half-trunk models
- Software license for LAN/serial data channel recording
- Remote replay software and license
- Backup/archive software
- Impound software
- Krone panel for line termination

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www.jotron.com

CONTACT INFORMATION

Jotron AS
P.O.Box 54
3281 Tjodalyng
Norway
Tel: +47 33 13 97 00
Fax: +47 33 12 67 80
sales@jotron.com

Jotron UK Ltd.
Crosland Park
Cramlington
NE23 1LA
United Kingdom
Tel: +44 (0) 1670 712000
Fax: +44 (0) 1670 590265
sales@jotron.com

Jotron Asia Pte. Ltd.
19 Loyang Way
Changi Logistics Centre
Rear Office Block 04-26
Singapore 508724
Tel: +65 65426350
Fax: +65 65429415
sales@jotron.com

Jotron USA, Inc.
10645 Richmond Avenue, Suite 170
Houston, TX 77042
USA
Tel: +1 713 268 1061
Fax: +1 713 268 1062
sales@jotron.com