

RF Switching Unit

Dual drive exciter system



Compact and reliable solution to build dual drive exciter system for a better reliability of your terrestrial broadcasting transmissions

RF Switching Unit is a key component to design Dual drive Terrestrial transmitters. It is fully interoperable with Twister II and Vortex II exciter platform to build secured DVB-T/T2, ATSC1.0/3.0, ISDB-T/TB and DTMB broadcast systems.

Fast switching

The RF Switching units, control by dry contact, switch from RF input 1 to RF input 2 in less than 100 ms.

Autonomous or Manual

Many monitoring events detected inside exciters can be used to control the RF Switch. A manual switching is also possible for maintenance operation.

Power Amplifier Control

Specific power Off / power On cycle time can be configured according your power amplifier characteristics.

Double PSU

RF Switching unit is equipped with a double power supply for a better security.

Applications

- Twister II Dual Drive
- Vortex II Dual Drive
- Twister DAB Dual Drive

Other benefits

- Complete package including cable
- Advance features inside exciters
- Plug & Play System

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Technical specifications

RF INTERFACE

RF Input

2x 100/900 MHz inputs
- 25 dBm Max / N - 50 Ω

RF Output

1x 100/900 MHz outputs
- Insertion Loss 14 dB
- N Connector - 50 Ω

CONTROL & MANAGEMENT

Ethernet Port

1 Ethernet port 1GigE - RJ45
- Web GUI / SNMP

Front Panel

2 Buttons
- Remote / Local / Automatic
- RF Switch

Serial Interface

RS232 / Sub-D9

Dry Contact

Relay input / Sub-D9

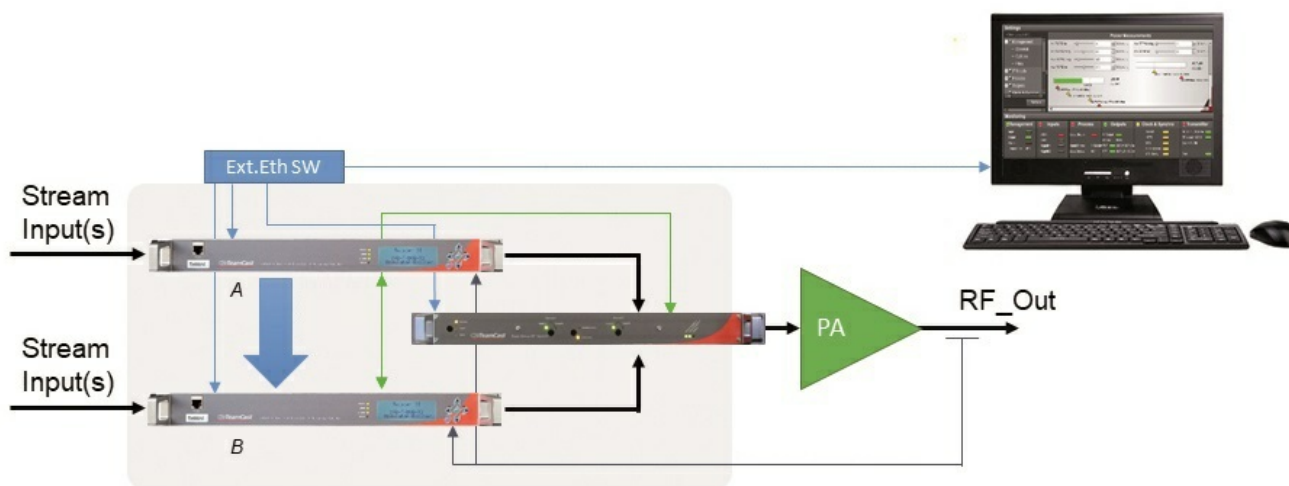
PHYSICAL

Width x Height x Depth

19" - 483 mm x 1 RU - 44 mm x 285 mm

Power Supply - Power Consumption

100...240 VAC - < 40 Watts



Ordering codes

xTTR-DEV0-1951

RF Switching unit for Terrestrial Dual Drive Exciter systems

- 2 RF Input
- 1 RF output
- 2 Power Supply
- Cables & Accessories