

## **xTTR-DEV0-1951 RF Switching Unit 100-900 MHz, 50Ω**



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 inputs  
- 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

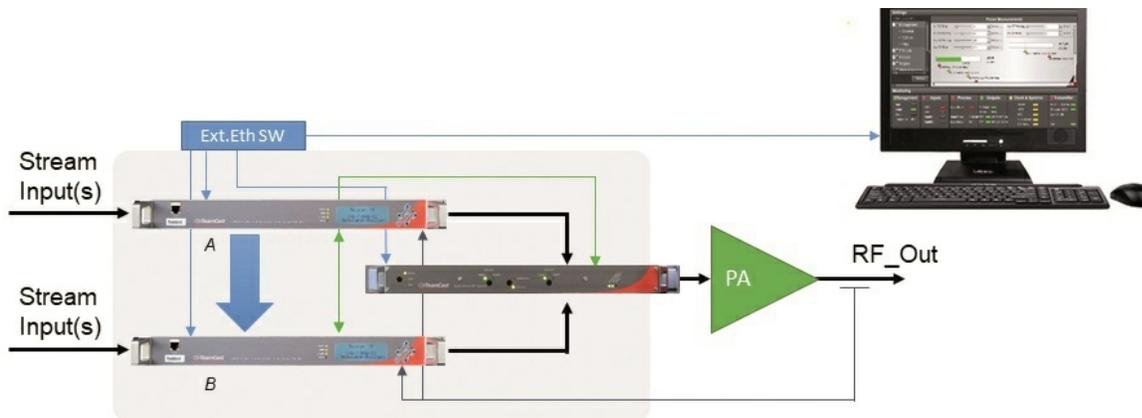
### PHYSICAL

#### Width x Height x Depth

19 in x 1.75 in x 9.85 in  
(483 mm x 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