

# RFQ-848

## Quadro DVB-T/T2/C/S/S2/S2X to 16ch FM modulator

### User Manual

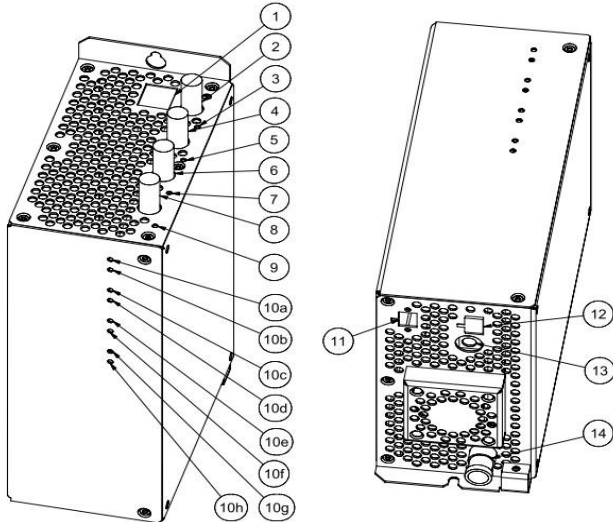


## 1. Purpose of use

RFQ-848 is remux modulator designed for a processing 16ch Mpeg-2 radio/TV sound from four DVB-S/S2/T/T2/C modulated multiplex.

## 2. Installation

The connections are shown in Fig 1.



1. RJ 45 connector to PC , factory default address: 192.168.0.145
2. Tuner 1 Input connector
3. Tuner 1 Lock LED
4. Tuner 2 Input connector
5. Tuner 2 lock LED
6. Tuner 3 Input connector
7. Tuner 3 lock LED
8. Tuner 4 Input connector
9. Tuner 4 lock LED
10. FM Modulator indication LEDs for  
a= FM1-4error, b=FM1-4 ok, c=FM5-8 error and d=FM5-8 ok,  
e= FM9-12 error, f=FM9-12 ok, g=FM13-16 error and h=FM13-16 ok,
11. DC Power IN/OUT
12. DC Power IN/OUT
13. DC Power IN/OUT
14. RF OUTPUT

RFQ-848 is mounted directly on the wall or RFB-804 base. Do not cover the air passage holes.

Signal from LNB or antenna is fed to F-female connectors A1,2,3 and 4.

Maximum total current of LNB connector is 250 mA.

NOTE! LNB supply voltage must be fed only from one tuner to each LNB. For other receivers must be selected Power OFF or use DC-blocked splitters.

Power voltage is connected to the left side AC connector.

PC is connected to RJ 45 connectors with ethernet cable.

### 3. Setting up the system

The system is programmed with PC via a Web browser.

1. Connect Ethernet cable from RJ 45 connector to computer.
2. Open the web browser like IE, Firefox, Chrome etc...
3. Write to address field 192.168.0.145 and then enter.
4. Unit asks the password.

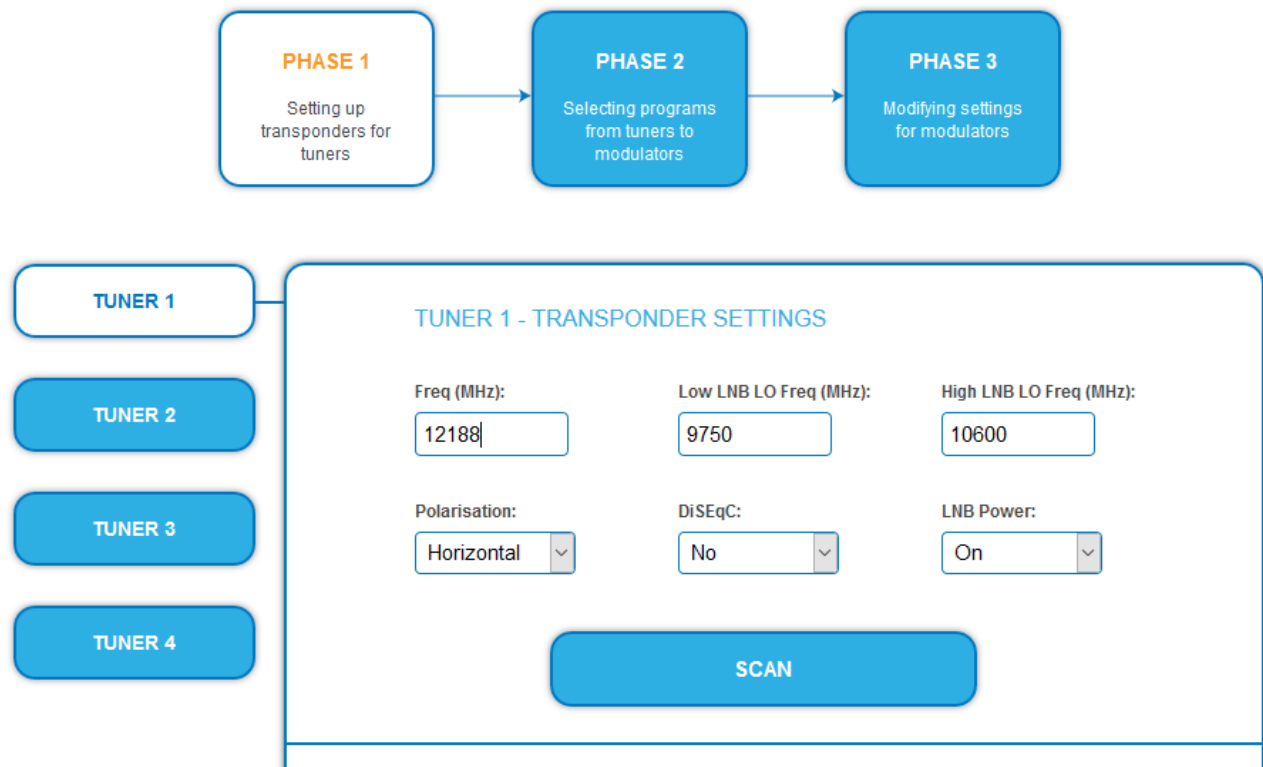
The factory default password is **Ramsen8262**

At the front page can be seen the status of receivers (input frequency, BER, ) and select the menu language (EN or DE)

### 4. DVB / FM configuration, please separate RFQ-848 configuration manual.

#### 4.1 Tuner

To set tuner parameters go to INITIALIZATION. For satellite signal set all parameters, for terrestrial/cable signal only frequency is needed.



Set the correct parameters for tuner 1. and select SCAN. Repeat same for tuners 2, 3 and 4. When all parameters are selected press SAVE CHANGES.

## 5. Technical specification

### INPUT

Tuners	4
Input frequency range	48 - 2150 MHz
Input level	-65 ... -25 dBm
Symbol rate	4-45 MS/s
FEC decoder	Automatic
Transport stream	MPEG-2 ISO/IEC 13818

### FM OUTPUT

Modulation	FM	
Mode	Stereo	
Output frequency range	87,5 MHz - 108 MHz	
Output level	65 - 85 dBuV	
Data interface	RJ-45	
Input connectors	F-female 75 ohm	
Output connectors	F-female 75 ohm	
Power consumption	16VDC/20W	
Dimensions	W*H*D	72mm*218mm*129mm



This symbol on the product or on its packing means that within the European Union the product must be taken to separate collection at the product-end-of life.

Do not dispose of these products as unsorted municipal waste.

For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your house disposal service or the shop where you purchased the product.