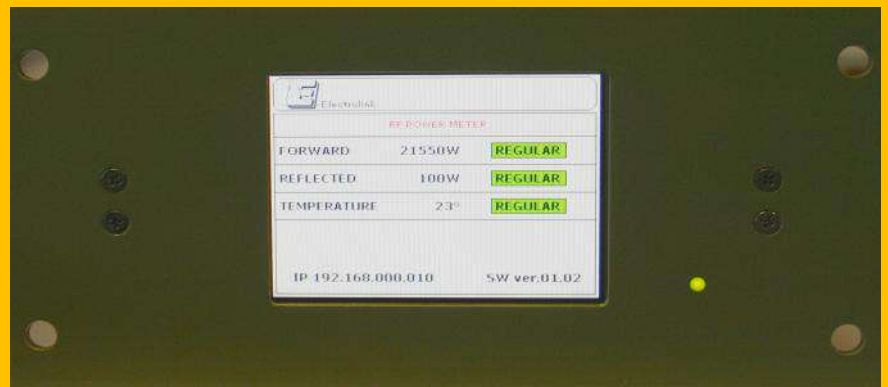



# RF POWER METER

- 3.5" COLOUR DISPLAY
- AVAILABLE FOR FM, VHF AND UHF BAND
- MULTICARRIER MEASUREMENT
- DRY CONTACTS ALARMS AVAILABLE
- SETTABLE ALARM THRESHOLDS
- TEMPERATURE MEASUREMENT AVAILABLE
- REMOTE MONITORING VIA SNMP/WEB SERVER
- RACK MOUNTABLE FRAME ON REQUEST



- FM BAND (MOD 755800200)
- VHF BIII (MOD 755800201)
- UHF BIV-V (MOD 755800202)
- MAINS 90-240VAC, 50/60HZ
- IMPEDANCE 50Ω
- PROGRAMMABLE POWER RATING
- INPUT LEVEL FROM PROBE 13dBm
- ACCURACY ±0.2dB
- OPERATING TEMPERATURE -5 TO 45°C



WEB INTERFACE

[www.electrolink.com](http://www.electrolink.com)

RF POWER METER  
ORVIETO  
Version: 01.02

<a href="#">Home</a>	Home			
<a href="#">Status</a>	RF POWER METER			
<a href="#">Setting</a>	FWT Power (W)	REGULAR	21550	
<a href="#">Logout</a>	RFL Power (W)	REGULAR	100	
	Ambient Temp. (°C)	REGULAR	23	

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### PROBE CALIBRATION

The level at input of power meter has to be 13dBm in order to get the maximum accuracy of measurement.

Therefore as an example for 5kW power measurement:

5kw = 67dBm

Required level from probe of directional coupler= 13dBm

Level: -54dB

In this way we have max accuracy

If we want to change to 2kW

2kW= 63dBm

So the coupler must be calibrated at -50dB in order to get 13dBm at input of power meter

### ACCESS TO POWER METER

When connected the access will come, here you can enter in two modes:

- 1) Guest mode, user:admin, pwd: admin
- 2) Administrator, user:electrolink, pwd: electrolink



RF POWER METER

ORVIETO

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Username

Password

Login

---

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### HOME PAGE

Here the parameters are displayed, green color is regular while red color is alarm  
The alarm threshold can be modified in the setting menu as Administrator



### RF POWER METER

ORVIETO

Version: 01.02

<b>Home</b>	<b>Home</b>			
<b>Status</b>	<b>RF POWER METER</b>			
<b>Setting</b>	FWD Power (W)	<input checked="" type="checkbox"/>	REGULAR	21550
<b>Logout</b>	RFL Power (W)	<input checked="" type="checkbox"/>	REGULAR	100
	Ambient Temp. (°C)	<input checked="" type="checkbox"/>	REGULAR	23

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### STATUS PAGE

System status condition where snmp and email are present if enabled.

Real time clock allows to synchronize by the SET button the time of power meter with local time of laptop



### RF POWER METER

ORVIETO

Version: 01.02

<b>Home</b>	<b>Status system</b>		
<b>Status</b>	<b>Sntp</b>		
<b>Setting</b>	Status	<input checked="" type="checkbox"/>	OK <input type="button" value="Test"/>
<b>Logout</b>	<b>E-mail</b>		
	Status	<input checked="" type="checkbox"/>	Unknown <input type="button" value="Test"/>
	E-mail sent today	0	<input type="button" value="Reset"/>
	<b>Real time clock</b>		
	Status	<input checked="" type="checkbox"/>	OK <input type="button" value="Set"/>
	Value	13/04/15 16:56:17	<input type="button" value="Set"/>

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**SETTING MENU**

RF POWER METER

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Version: 01.02

[Home](#)**Setting...**[Status](#)[Setting system](#)[Setting](#)[Setting lan](#)[Logout](#)[Setting snmp](#)[Setting e-mail](#)[Setting login](#)[Setting admin](#)

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**SETTING SYSTEM**

Here you can set location of system



RF POWER METER

ORVIETO

Version: 01.02

[Home](#)**Setting system**[Status](#)

Serial 0000000000099

[Setting](#)Location [Logout](#)

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## SETTING LAN

Here you can set parameters for IP connection



RF POWER METER

ORVIETO

Version: 01.02

Home  
Status  
Setting  
Logout

Setting lan	
MAC	00-04-A3-00-00-63
IP	<input type="text" value="192.168.0.10"/>
Subnet mask	<input type="text" value="255.255.255.0"/>
Gateway	<input type="text" value="192.168.0.1"/>
DNS Primary	<input type="text" value="8.8.8.8"/>
DNS Secondary	<input type="text" value="4.4.4.4"/>

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## SETTING SNMP

Here you can enable and set the snmp protocol.



RF POWER METER

ORVIETO

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Home  
Status  
Setting  
Logout

Setting snmp	
Enable trap	<input checked="" type="checkbox"/>
IP trap	<input type="text" value="0.0.0.0"/>
Setup protect	<input checked="" type="checkbox"/>
System protect	<input checked="" type="checkbox"/>

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### SETTING EMAIL

Here you can enable and set the email messages.



RF POWER METER

ORVIETO

Version: 01.02

<b>Home</b>	<b>Setting e mail</b>
<b>Status</b>	Enable <input checked="" type="checkbox"/>
<b>Setting</b>	Server smtp <input type="text"/>
<b>Logout</b>	Server user <input type="text"/>
	Server password <input type="text"/>
	From <input type="text"/>
	To 1 <input type="text"/>
	To 2 <input type="text"/>
	To 3 <input type="text"/>
	Max send day <input type="text" value="3"/>
	Start send <input type="text" value="07:00:00"/>
	End send <input type="text" value="20:00:00"/>
	<input type="button" value="Save"/>

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### SETTING LOGIN

Here you can set user and password



RF POWER METER

ORVIETO

Version: 01.02

<b>Home</b>	<b>Setting login</b>
<b>Status</b>	User <input type="text" value="admin"/>
<b>Setting</b>	Password <input type="password" value="****"/>
<b>Logout</b>	<input type="button" value="Save"/>

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**SETTING ADMIN**

Only available as administrator mode

Here you can set alarm threshold and FWD/RFL power scale



## RF POWER METER

ORVIETO

Version: 01.02

[Home](#)[Status](#)[Setting](#)[Logout](#)

Setting Admin	
Serial	<input type="text" value="0000000000099"/>
Name	<input type="text" value="RF POWER METER"/>
FWD ALARM	<input type="text" value="10000"/>
RFL ALARM	<input type="text" value="1000"/>
FWD SCALE	<input type="text" value="60000"/>
RFL SCALE	<input type="text" value="60000"/>
TEMP. ALARM	<input type="text" value="255"/>

[Upload site web](#)[View home file](#)[View status file](#)