

FRONT VIEW



Trademark of the DVB - Digital Video Broadcasting Project

- | | | |
|---|---|-------------------------------------|
| 1 TFT screen | 6 Joystick | 11 Battery charging indicator |
| 2 Measurement key | 7 Installations management key | 12 Light sensor |
| 3 Spectrum key | 8 Settings key | 13 Reset (press and hold 5s) |
| 4 TV Key | 9 External Video/Audio Input indicator | 14 Softkeys |
| 5 Export (press>1s)
Reference (press<1s) | 10 External unit power supply indicator | 15 Active Function indicator |

SCREEN ICONS REFERENCE

STATUS BAR

- Battery charging**
- Battery not charging**, time left indicator
- Battery not charging**. Yellow level indicates charge left
- Satellite band**
- Current voltage**, 22 kHz signal and LNB power level
- Terrestrial band**
- USB flash drive inserted**
- WIFI signal source**
- Current installation**
- Compressed installation**
- SatCR** (SCD/EN50494) commands enabled
- JESS** (SCD2/EN50607) commands enabled
- Joystick multi-function enabled**
Two-letter code indicates the exact function:
 - FR** Frequency tuning
 - CH** Channel tuning
 - SP** SPAN change
 - MK** Marker moving
 - EC** Echo change/zoom
 - AP** Access Point change

- Task scheduled**
- 6 GHz RF Auxiliary Input***
- Connected to webControl**
- OTT Streaming**

*Option. Refer annex on the User's Manual

SERVICE LIST SELECTOR

- Digital TV service**
- High Definition TV service**
- Digital radio**
- Data**
- Scrambled service**

DIALOG BOXES

- Error message**
- OK message**
- Question message**
- Warning message**

VIDEO & AUDIO SETTINGS MENU

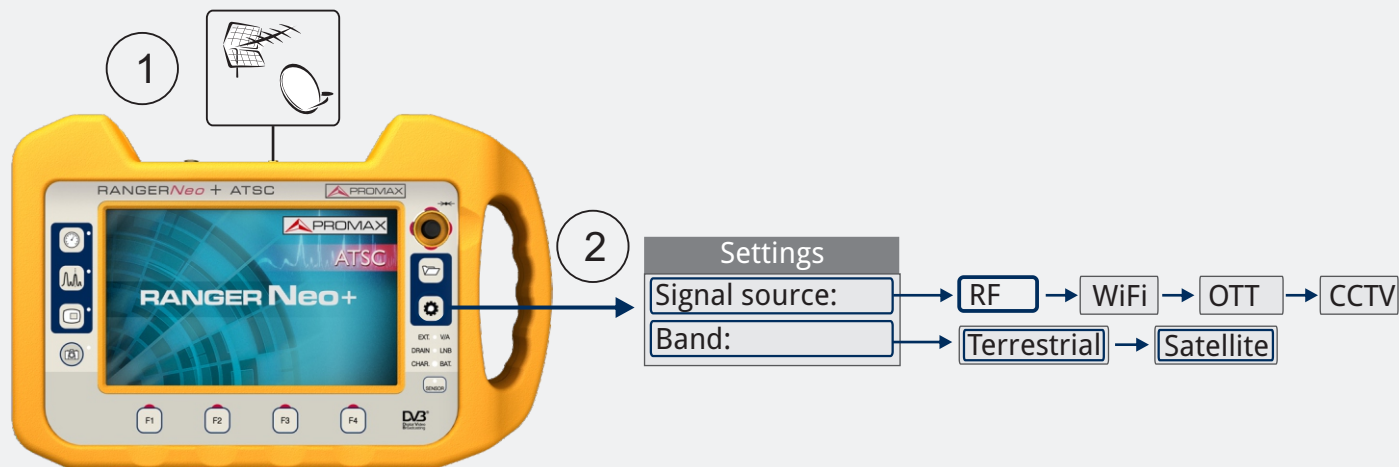
- TFT backlight brightness**
- Volume**

ON: (<1s)

OFF: (2s)

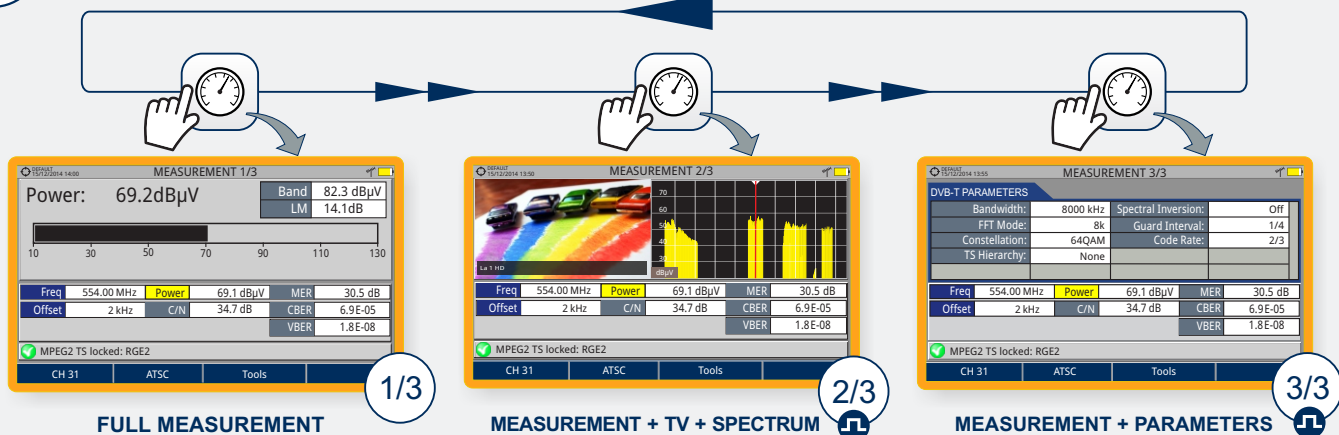


RF SETTINGS

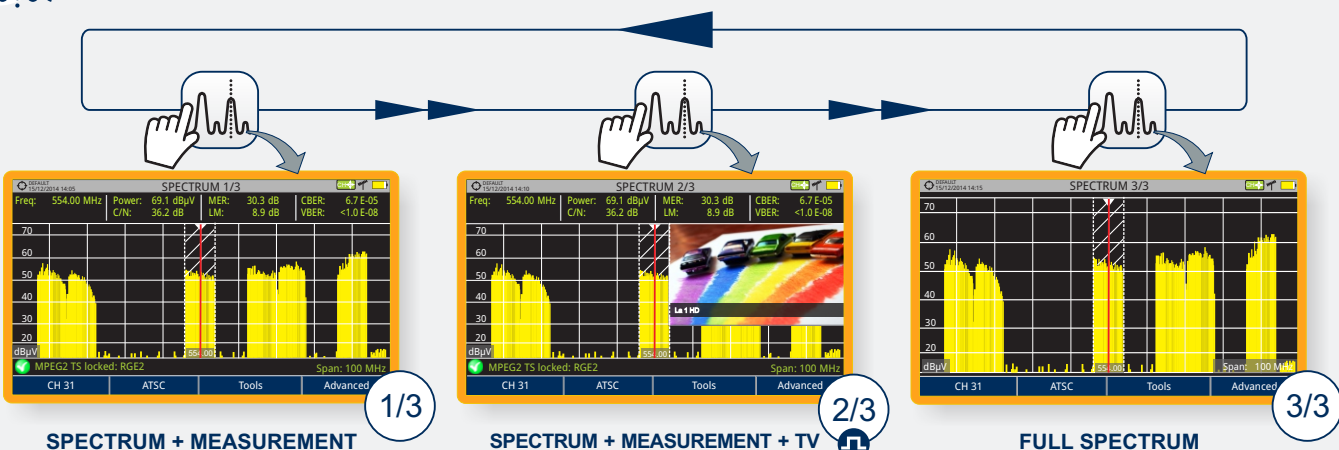


RF SCREENS

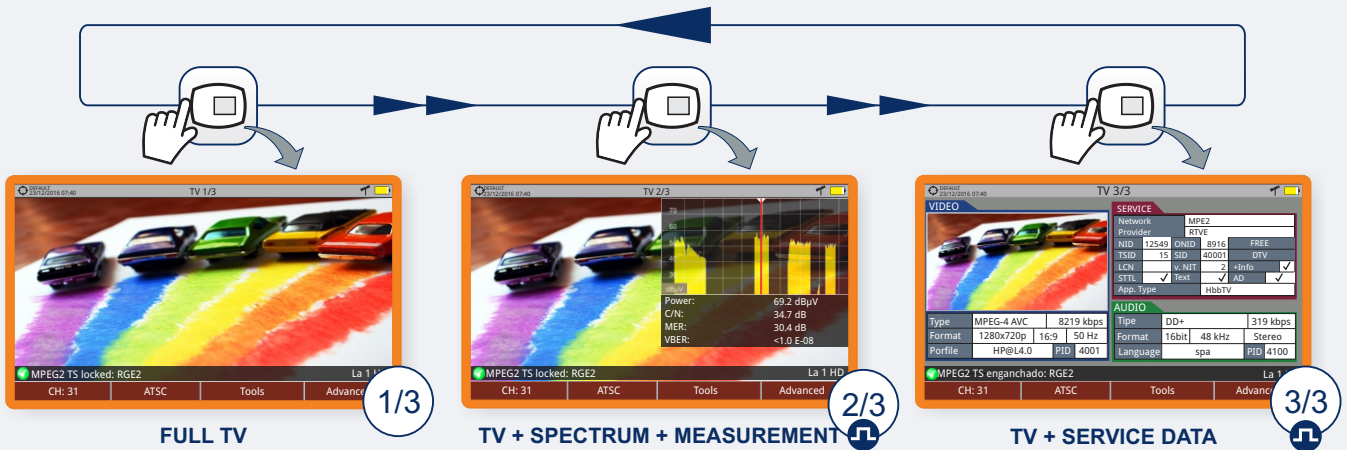
MEASUREMENT



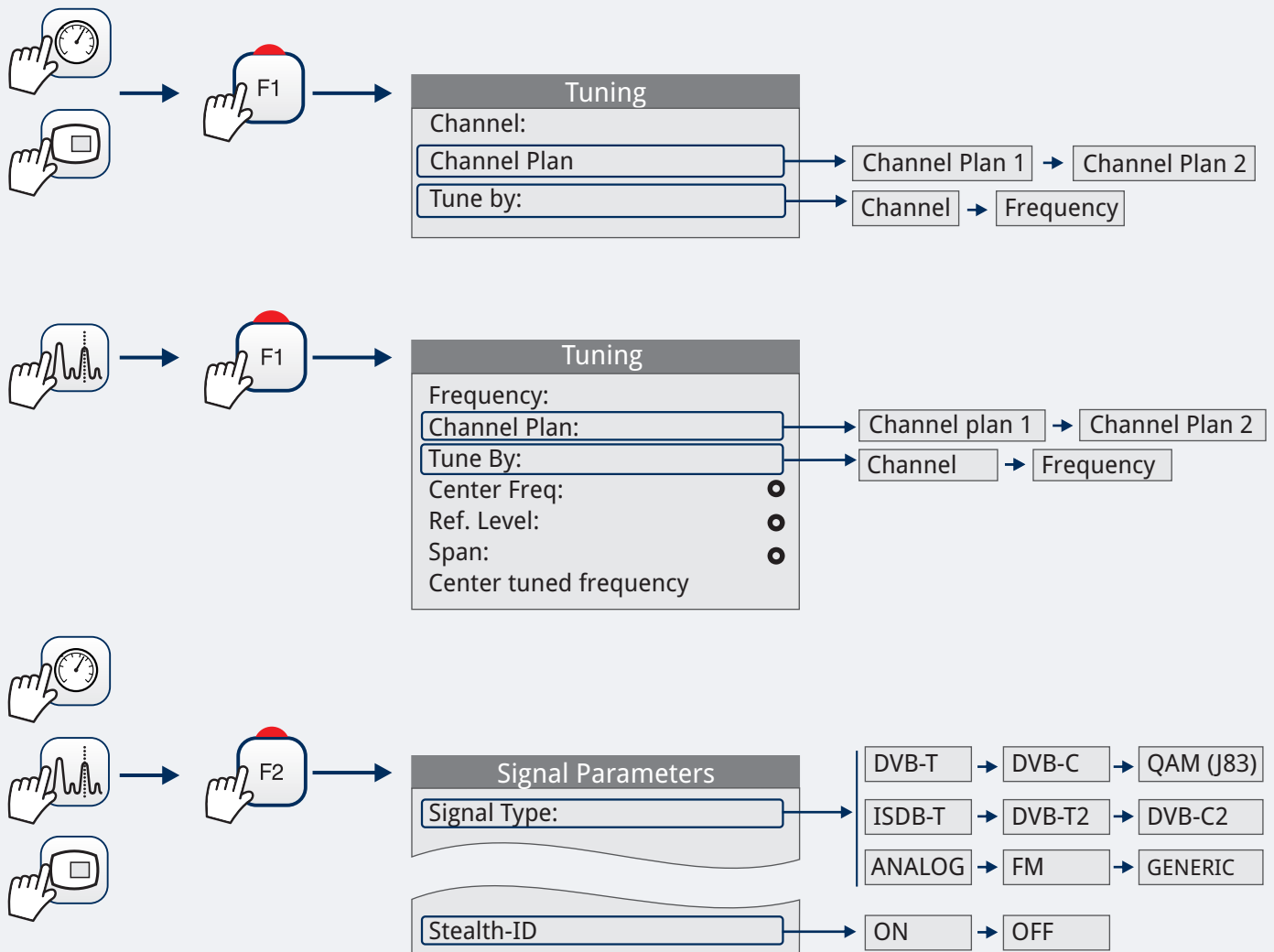
SPECTRUM ANALYSER



TV MODE



RF MENUS





F3

Tools

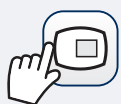
- Signal Monitoring
- Explore Channel Plan
- Discover FM Stations
- Field Strength:
- Datalogger
- Service Recording...
- Streaming V/A
- Echoes
- Constellation
- MER by carrier
- Shoulder Attenuation
- LTE Ingress Test
- Attenuation Test
- Task Planner...
- Merogram
- Spectrogram
- Tilt & Scan
- Power Off



F4

Advanced

- Average:
- Spectrum Line:
- Tone Level:
- Marker:
- Marker Trace:
- Max.Hold:
- Min.Hold:
- Persistence:
- Detector Type:
- Resolution Bandwidth:
- Vertical Range:
- Dashed BW:
- Reference:

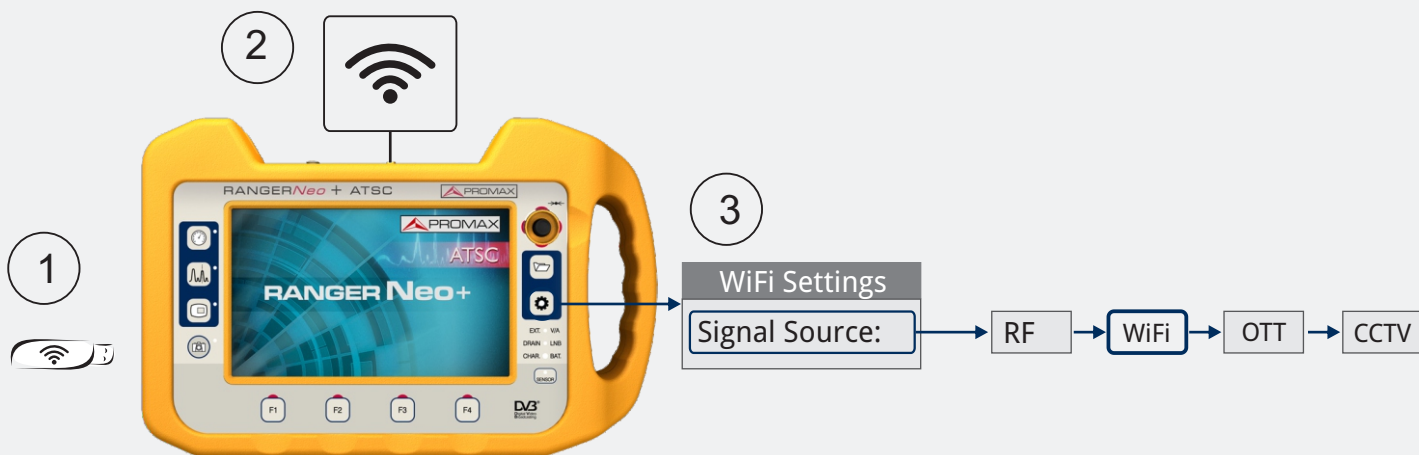


F4

Advanced

- Audio:
- Discovered URLs:
- TS Data:

WIFI ► SETTINGS



WIFI ► SCREENS



► SITE SURVEY

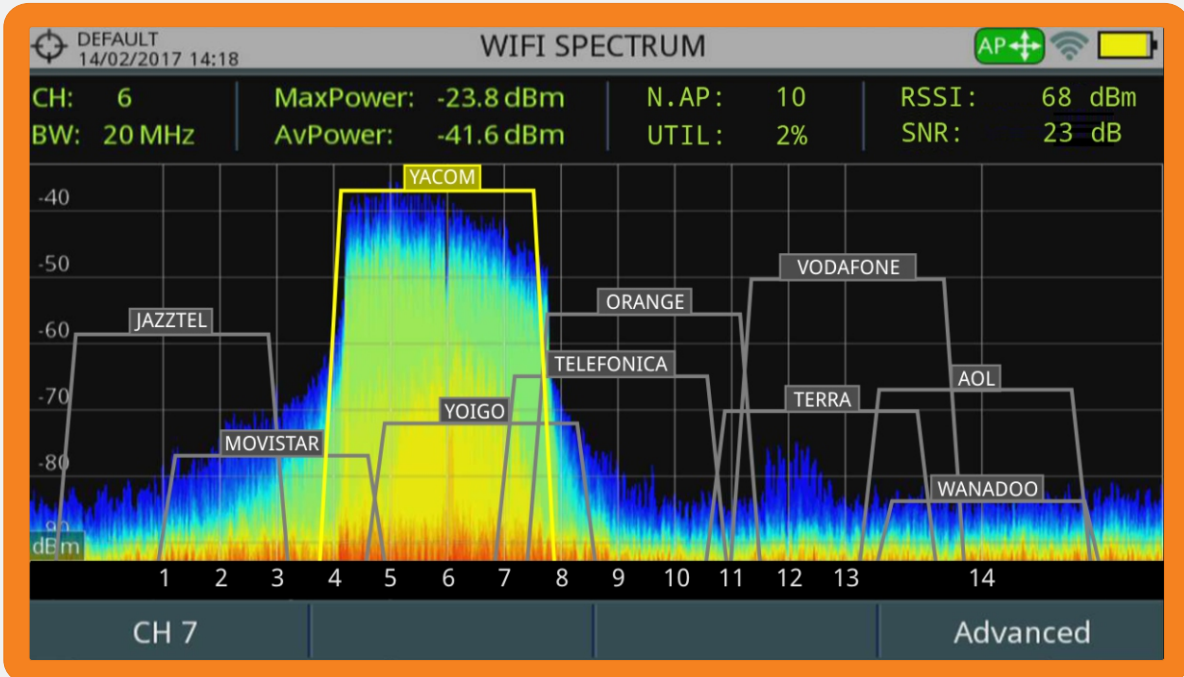
PROMAX 22/12/2016 12:10					
SITE SURVEY					
SSID	BSS	CH	RSSI(dBm)	Security	Device
JAZZTEL	01:23:45:67:89:ab	1	-86	WPA	Wireless Router...
MOVISTAR	aa:bb:cc:dd:ee:ff	2	-72	WPA2	WAP6969N
YACOM	98:76:54:32:10:fe	3	-84	WPE	
YOIGO	a1:b2:c3:d4:e5:f6	4	-74	Ninguno	
ORANGE	22:44:66:88:ab:cd	5	-70	WPA	
VODAFONE	13:57:92:46:80:31	6	-88	WPA	
ARRAKIS	ca:ac:ed:de:fb:bf	7	-78	WPA	
TELEFONICA	57:26:21:44:a6:89	8	-76	WPA	
TERRA	11:85:e5:74:0c:53	9	-80	WPA	
WANADOO	b4:07:32:41:a6:1c	10	-82	WPA	

CH 1

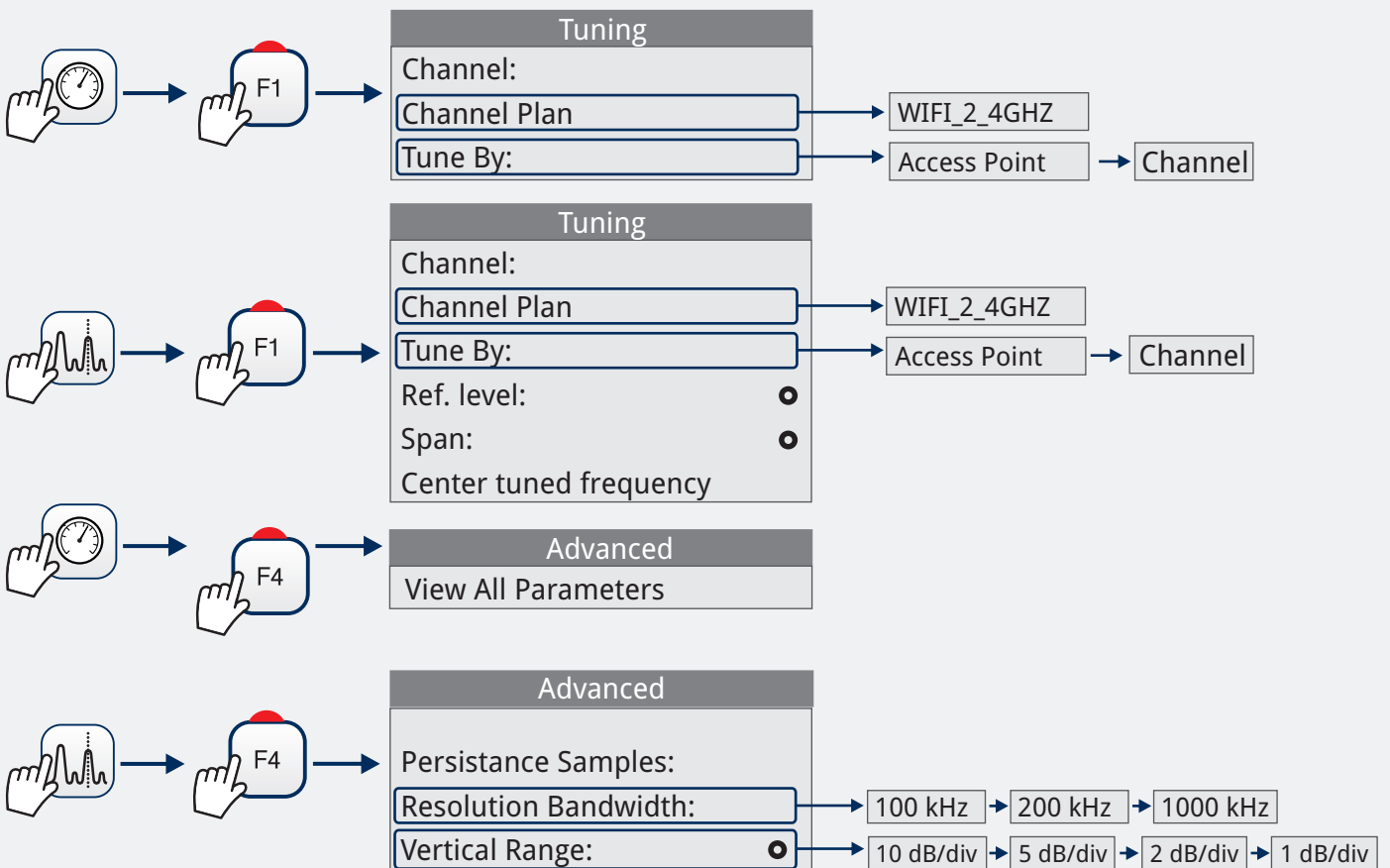
Advanced



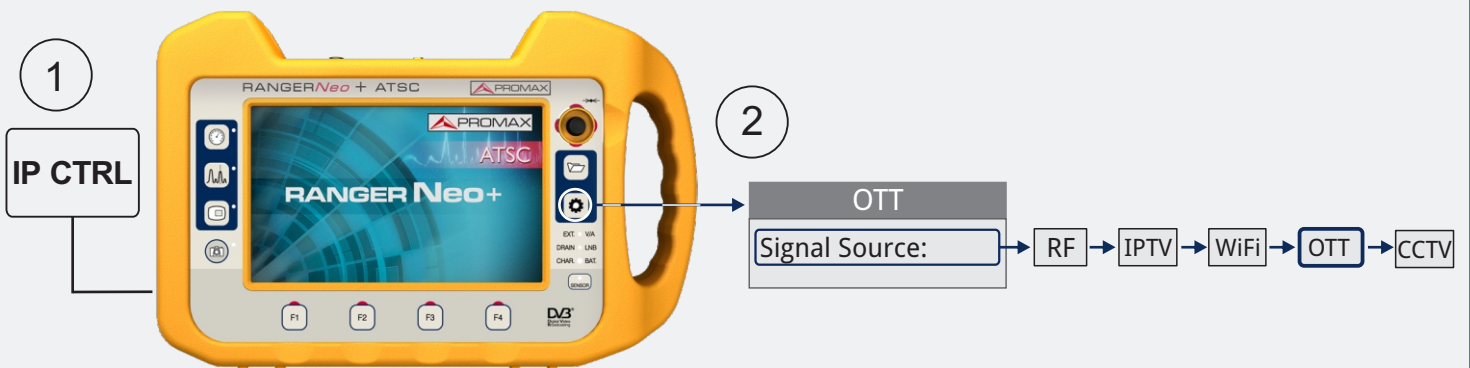
WIFI SPECTRUM



WIFI MENUS



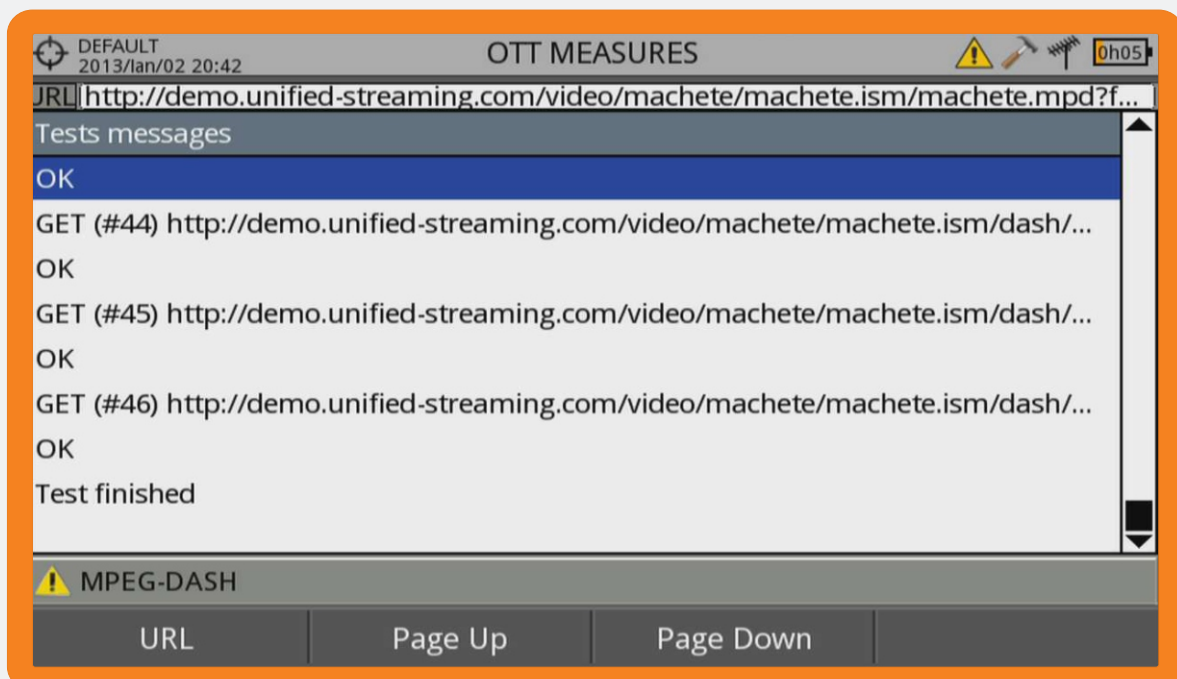
OTT streaming (🔍) ▶ SETTINGS



OTT streaming (🔍) ▶ SCREENS

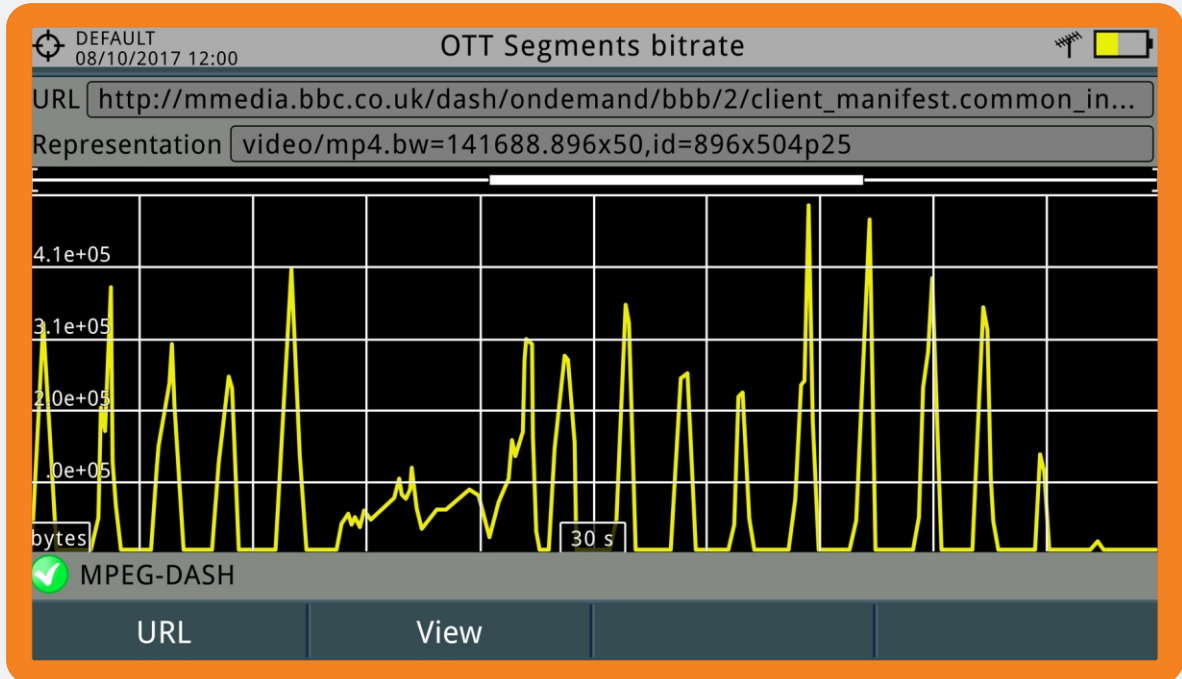


▶ OTT MODE

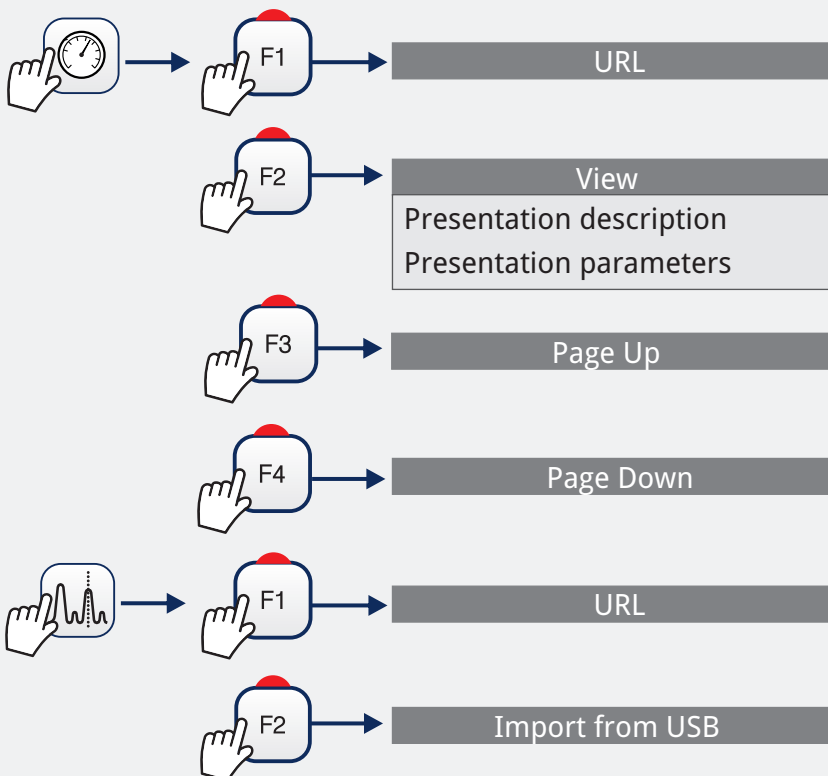




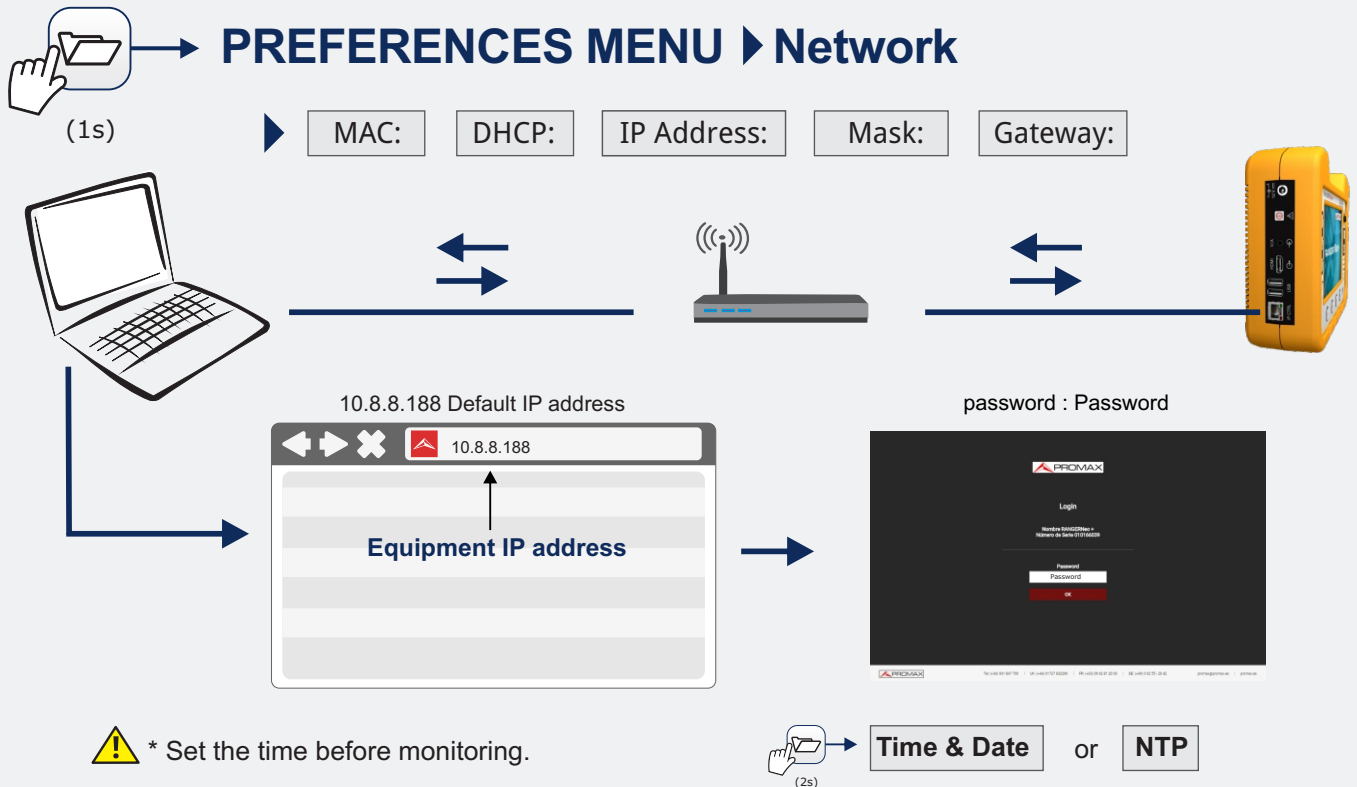
▶ OTT Segment Bitrate



OTT streaming (▶) ▶ MENU

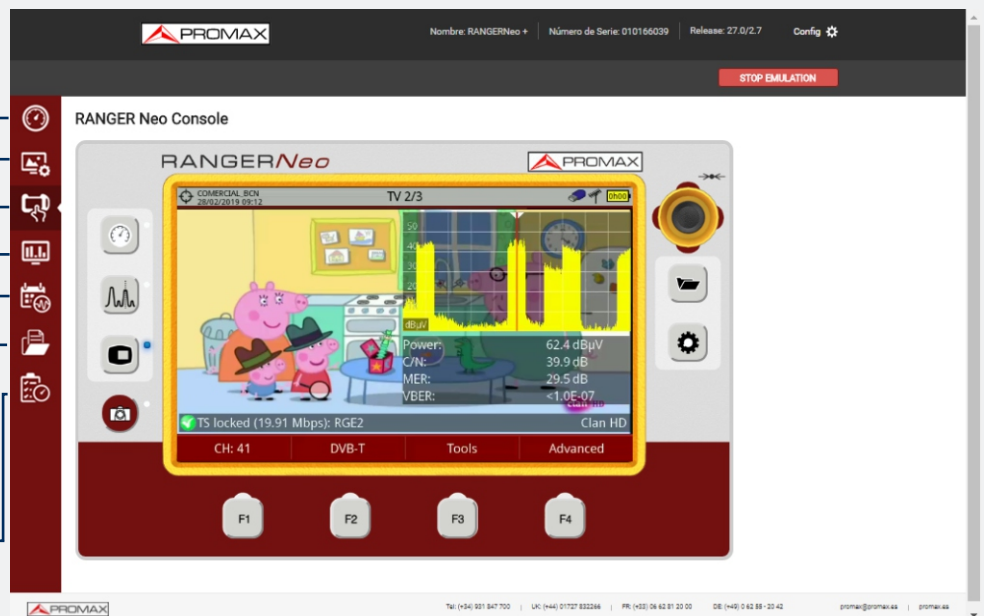


webControl Network Setting



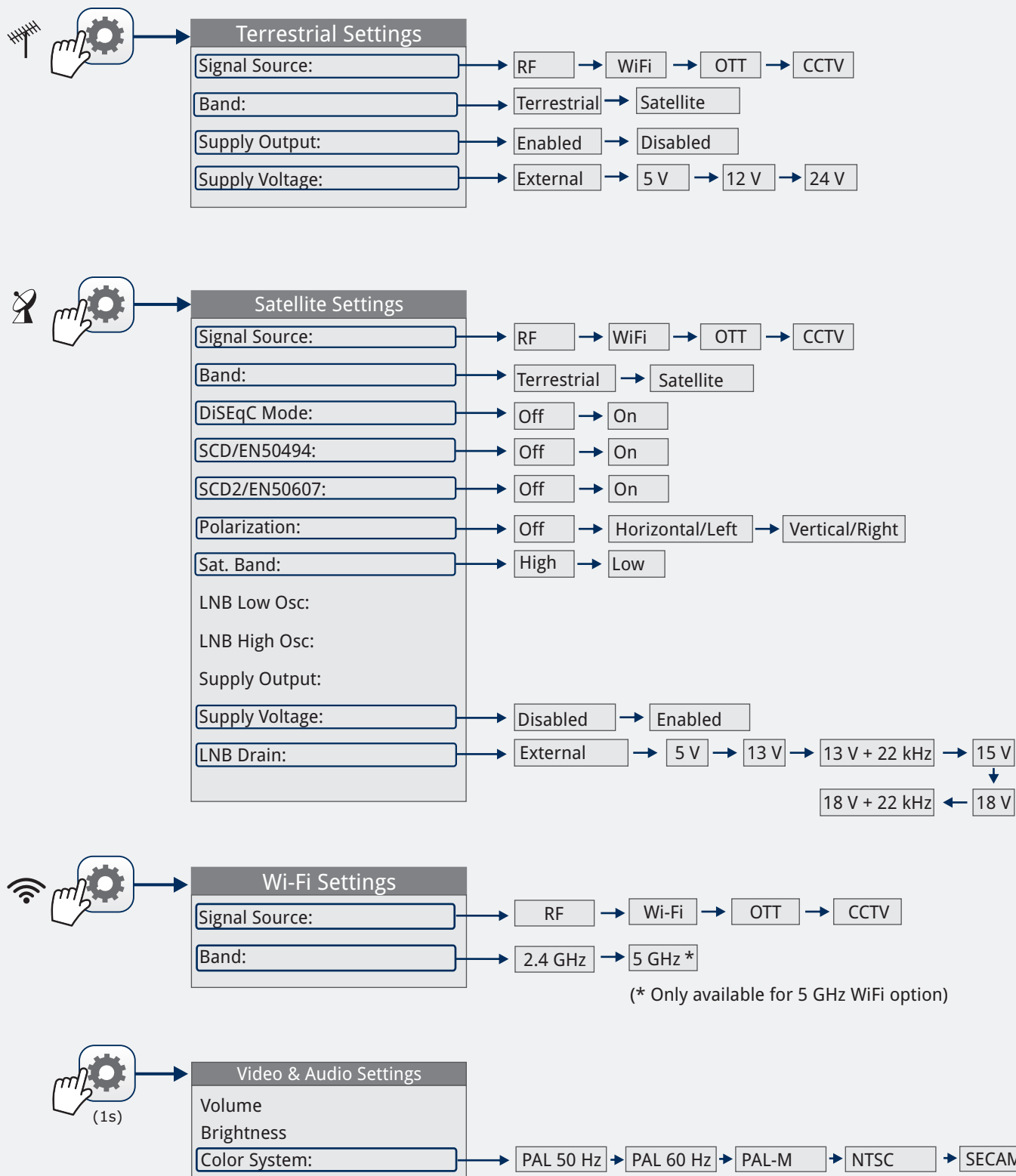
webControl TOOLS

-  ▶ **Measurements and Spectrum**
-  ▶ **TV Parameters**
-  ▶ **RANGER Neo Console**
-  ▶ **Monitoring**
-  ▶ **Historical Monitoring**
-  ▶ **Installations Management**
-  ▶ **Task Management**



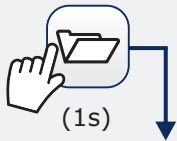


SETTINGS MENU





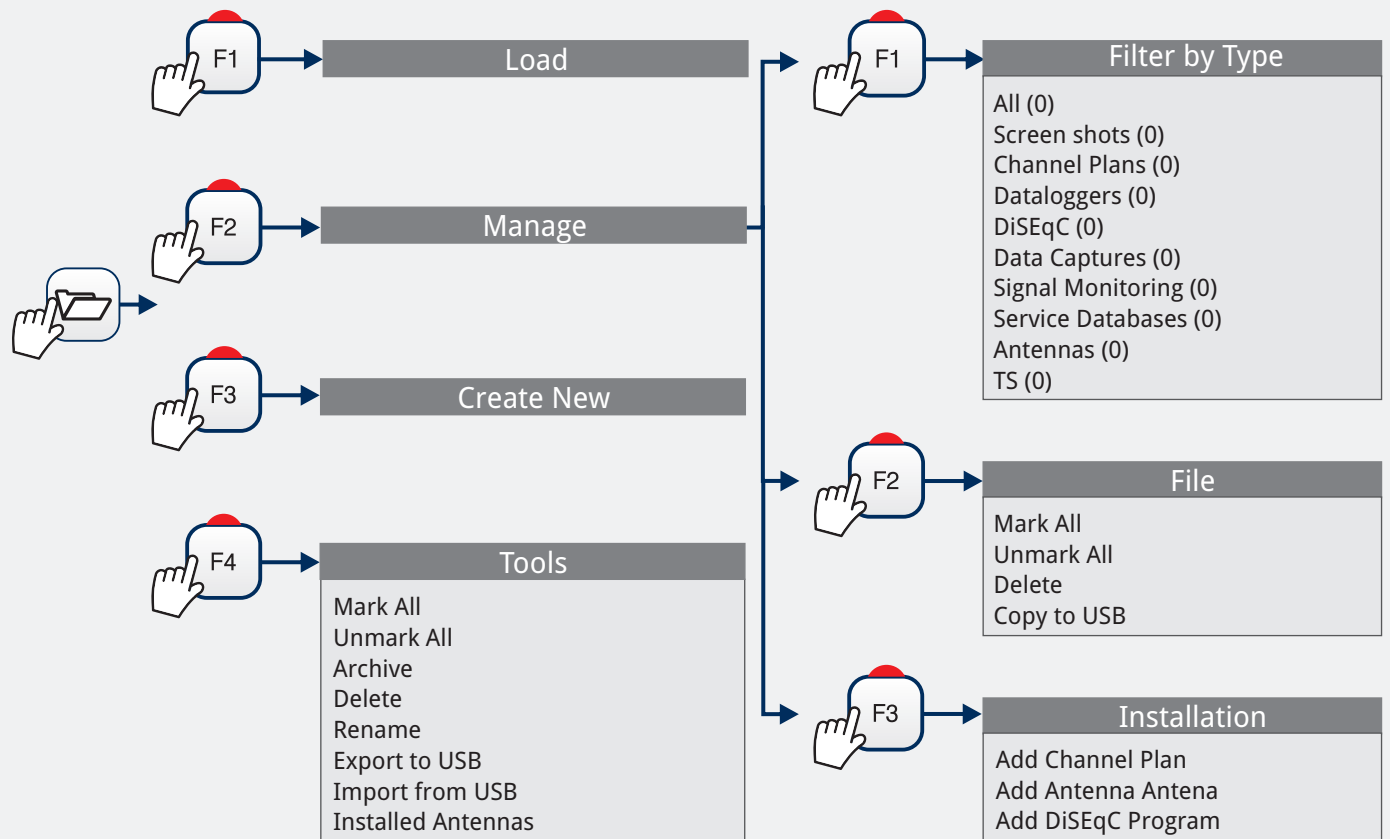
PREFERENCES MENU



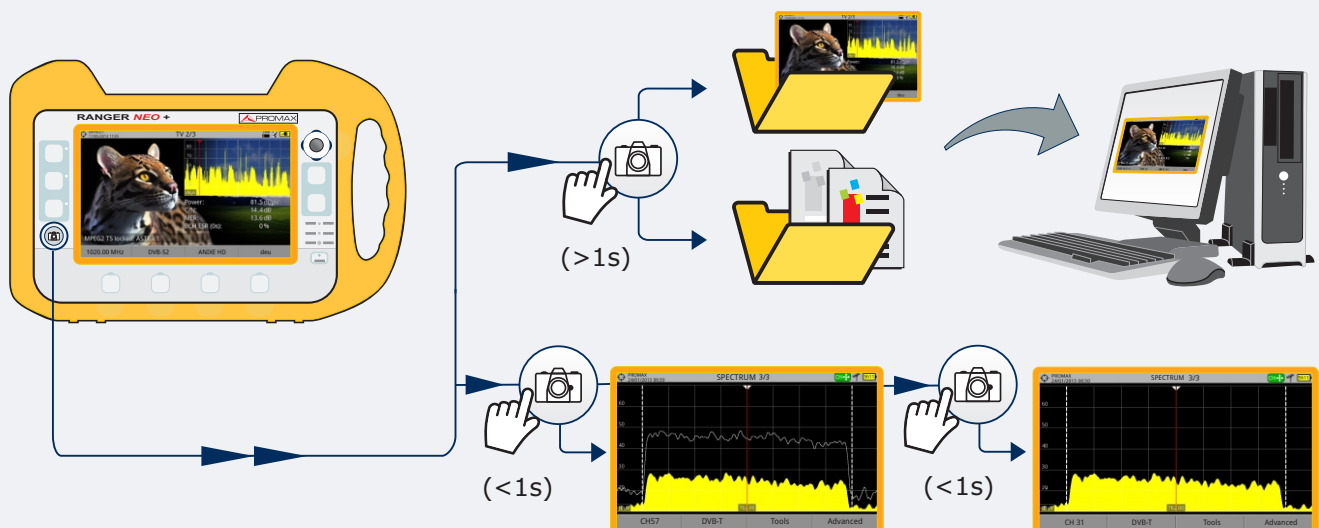
Preferences					
Equipment	Provider Name	SN Release	Date Free System Memory	Free Data Memory Company	Usuario
Appearance	Language: Skin:	Power Off: Brightness:	Background: Batt. Time:	TFT Screen: Color System:	Values Format:
Time & Date	Date:	Time:	Date Format:	Time Zone:	
Measures	Terrestrial Units: Satellite Units: Optical Units:	Sat. Band: Ref. level: Ter. Downlink:	Position Tone: Min TER Power: Min. SAT Power:	Min TER. Level: Min. FM. Level: Inp Impedance:	Power Offset:
Tools	Datalogger PSI: Data base services:	Export button: LTE Filter F. Min:	LTE Filter F. Max: Center Freq:		
Stealth-ID	Terrestrial Satellite	☐ ANALOG ☐ DVB-S	☐ FM ☐ DVB-S2	☐ DVB-C ☐ DVB-C2	☐ J83 Anexo B ☐ DSS ☐ ATSC
Security	PIN Code 1234				
Network	MAC:	DHCP:	IP Address:	Mask:	Gateway:
Streaming V/A	IP Address:	Port:			
SNMP	SNMP Configuration	SNMPv1	SNMPv2		
SMTP	Enable	Server IP address	Server port	From e-mail address	Connection type Authentication required
NTP	Enabled	Server URL address	Test Configuration		



INSTALLATION MANAGEMENT



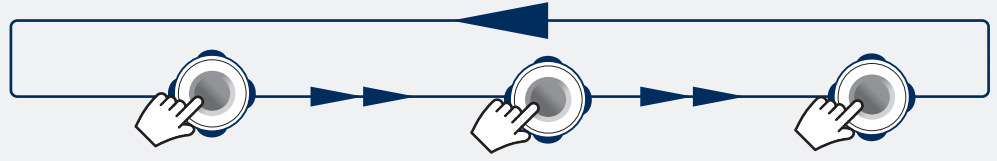
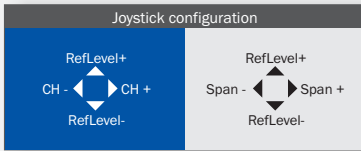
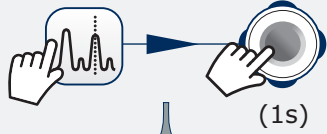
EXPORT* IMAGE / DATA / SPECTRUM



*Export settings in Preferences



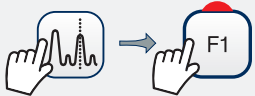
▶ JOYSTICK



AP / **FR** / **CH** **SP** **MK**

Access Point **Frequency** **Channel** **SPAN** **Marker moving**
change **tuning** **tuning** **Change** **(Marker ON)**

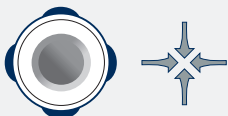
PARAMETER EDITION



Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.00 MHz ◉



Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.00 MHz ◉



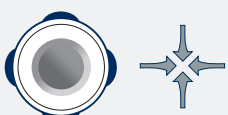
Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.00 MHz ◉



Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.00 MHz ◉

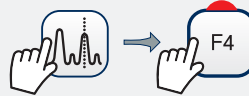


Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.10 MHz ◉



Tuning	
Channel:	44
Channel Plan	CCIR ▶
Tune By:	Channel ▶
Center Freq:	658.10 MHz ◉

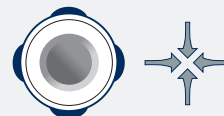
PARAMETER SELECTION



Advanced	
Average	0 ◉
Spectrum Line	Outline ◄



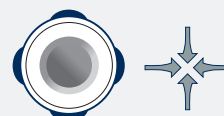
Advanced	
Average	0 ◉
Spectrum Line	Outline ◄



Advanced	
Average	0 ◉
Spectrum Line	Outline ◄
	Outline
	Solid
	Trans.



Advanced	
Average	0 ◉
Spectrum Line	Outline ◄
	Outline
	Solid
	Trans.

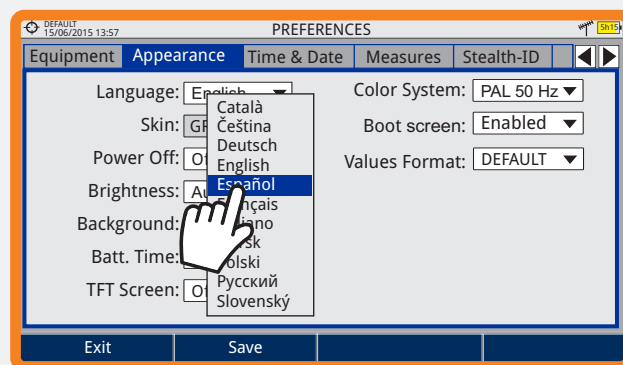
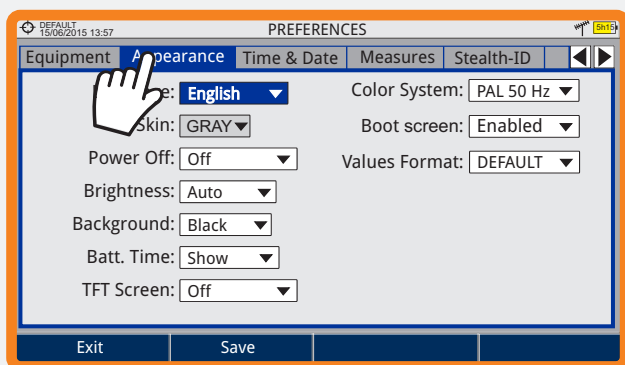


Advanced	
Average	0 ◉
Spectrum Line	Solid ◄

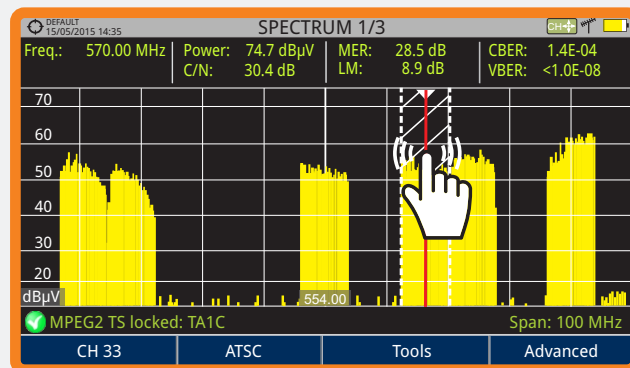
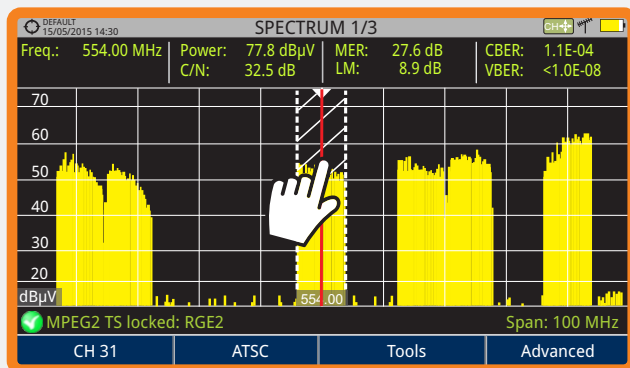


TOUCH SCREEN

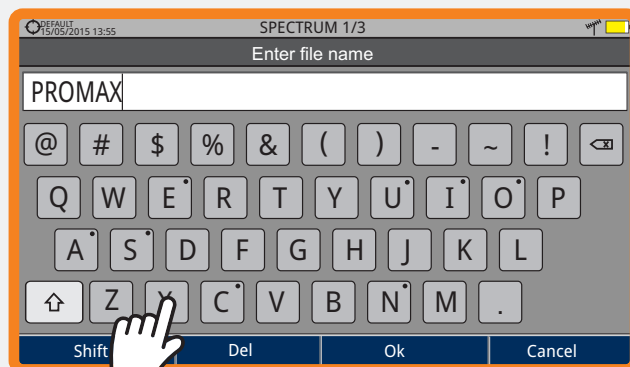
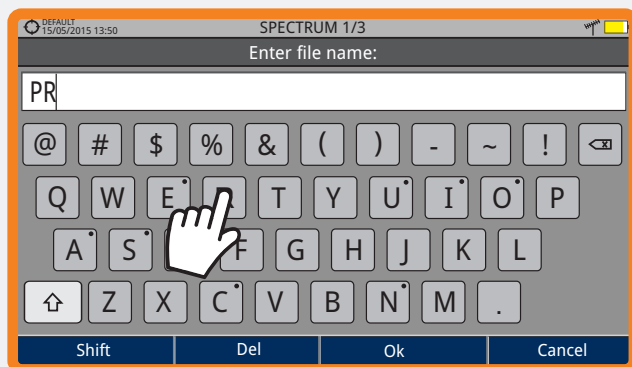
MENU SELECTION



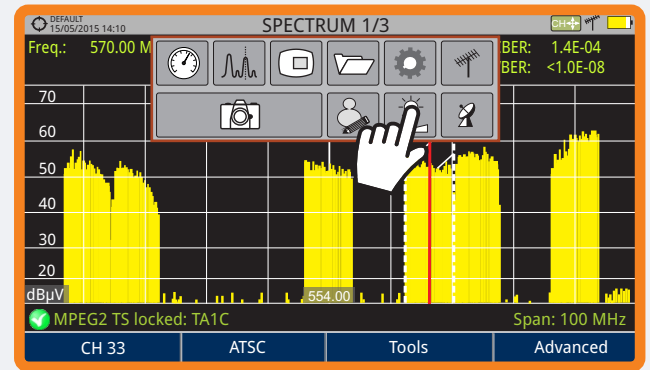
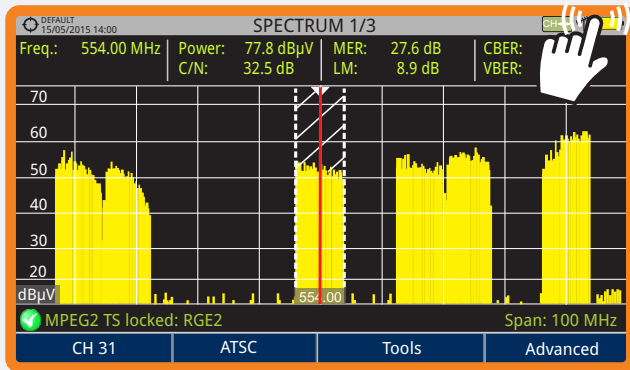
FREQUENCY SELECTION



VIRTUAL KEYBOARD WRITING



TOOLBAR



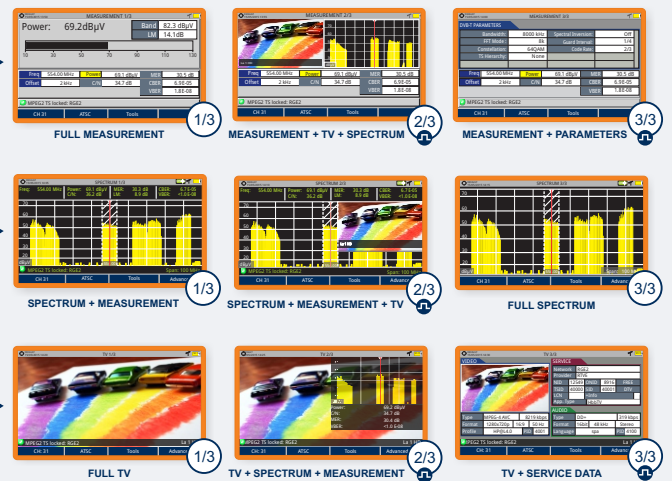
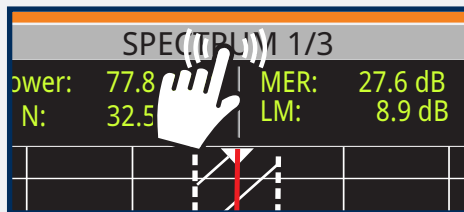
TOOLBAR ICONS

- Measurement Mode
- Spectrum Analyser Mode
- TV Mode
- Installations Management

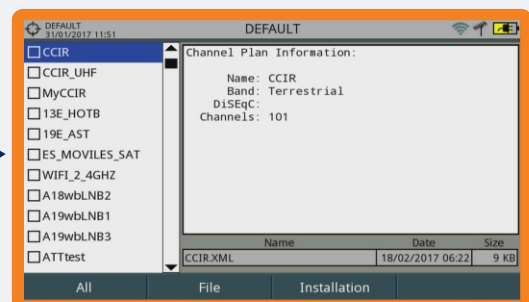
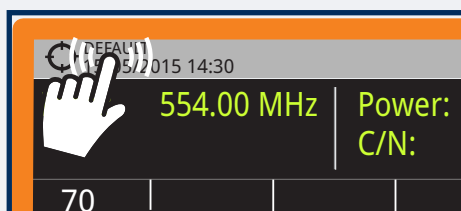
- Settings
- Terrestrial Band
- Satellite Band

- Video & Audio Settings
- Preferences
- Screen Capture

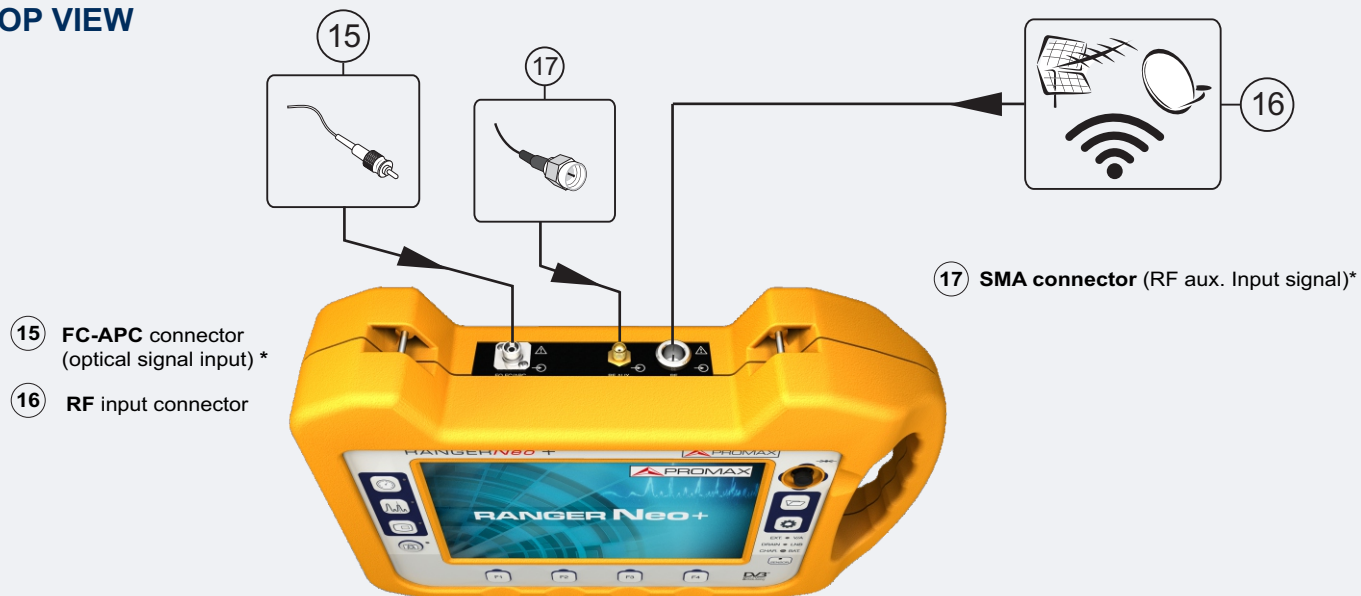
MODE SCREENS



INSTALLATIONS MANAGEMENT

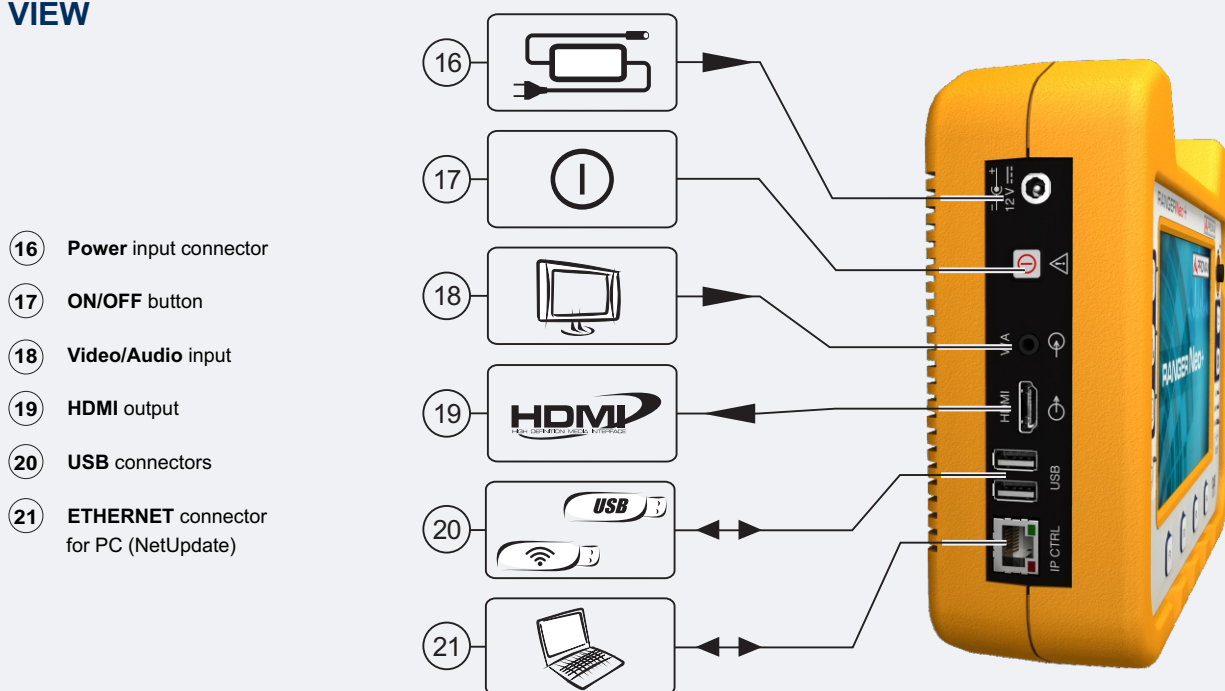


TOP VIEW



* Optical Option. Refer annex on the User's Manual.

SIDE VIEW



RESET

If the device crashes, press the ON/OFF button for 10 seconds. If the device does not respond then press the F4 key for 6 seconds and then release to reset (see user's manual for more information).

