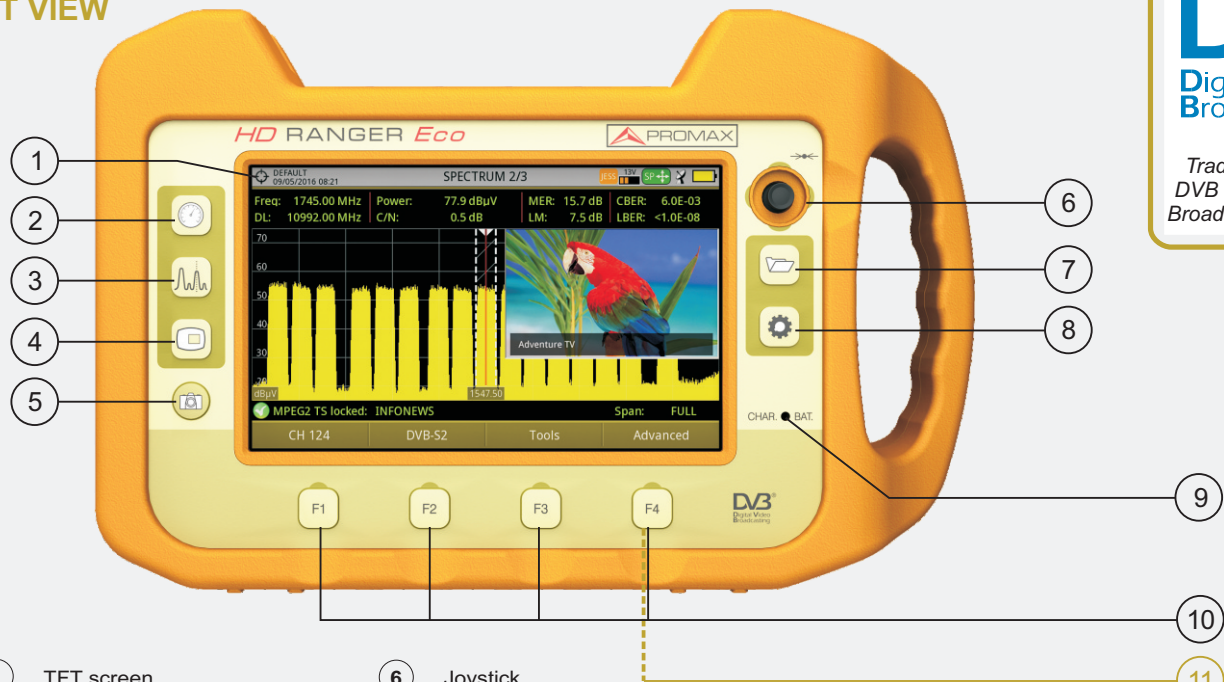


## FRONT VIEW



Trademark of the DVB - Digital Video Broadcasting Project

- |   |                                |                                |
|---|--------------------------------|--------------------------------|
| ① TFT screen                                | ⑥ Joystick                     | ⑪ Reset (press 6s and release) |
| ② Measurement key                           | ⑦ Installations management key |                                |
| ③ Spectrum key                              | ⑧ Settings key                 |                                |
| ④ TV Key                                    | ⑨ Battery charging indicator   |                                |
| ⑤ Export (press>1s)<br>Reference (press<1s) | ⑩ Softkeys                     |                                |

## SCREEN ICONS REFERENCE

### STATUS BAR

- Battery charging**
- Battery not charging.** Yellow level indicates charge left
- USB in serial port mode**
- Satellite band**
- Current voltage, 22 kHz signal and LNB power level**
- Terrestrial band**
- USB flash drive inserted**
- Current installation**
- Compressed installation**
- SatCR (SCD/EN50494) commands enabled**
- JESS (SCD2/EN50607) commands enabled**
- Task scheduled**
- 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

### SERVICE LIST SELECTOR

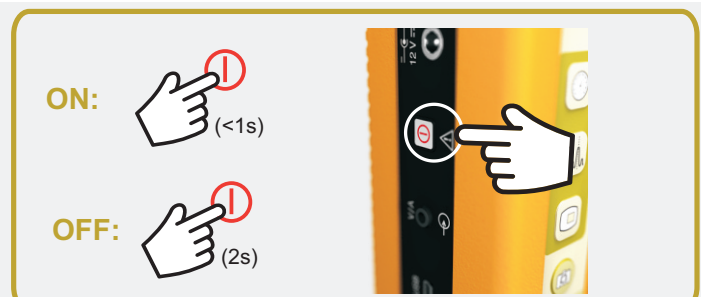
- Digital TV service**
- High Definition TV service**
- Digital radio**
- Data**
- Scrambled service**

### DIALOG BOXES

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

### VIDEO & AUDIO SETTINGS MENU

- TFT backlight brightness**
- Volume**





## MEASUREMENT

**MEASUREMENT 1/3**

Power:	69.2dBμV	Band:	82.3 dBμV
LM:	14.1dB		

Freq	554.00 MHz	Power	69.1 dBμV	MER	30.5 dB
Offset	2 kHz	C/N	34.7 dB	CBER	6.9E-05
		VBER	1.8E-08		

1/3

**FULL MEASUREMENT**

**MEASUREMENT 2/3**

Freq	554.00 MHz	Power	69.1 dBμV	MER	30.5 dB
Offset	2 kHz	C/N	34.7 dB	CBER	6.9E-05
		VBER	1.8E-08		

2/3

**MEASUREMENT + TV + SPECTRUM**

**MEASUREMENT 3/3**

DVB-T PARAMETERS			
Bandwidth:	8000 kHz	Spectral Inversion:	Off
FFT Mode:	8k	Guard Interval:	1/4
Constellation:	64QAM	Code Rate:	2/3
TS Hierarchy:	None		

Freq	554.00 MHz	Power	69.1 dBμV	MER	30.5 dB
Offset	2 kHz	C/N	34.7 dB	CBER	6.9E-05
		VBER	1.8E-08		

3/3

**MEASUREMENT + PARAMETERS**



## SPECTRUM ANALYSER

**SPECTRUM 1/3**

Freq:	554.00 MHz	Power:	69.1 dBμV	MER:	30.3 dB	CBER:	6.7E-05
C/N:	36.2 dB	LM:	9.9 dB	VBER:	<1.0E-08		

1/3

**SPECTRUM + MEASUREMENT**

**SPECTRUM 2/3**

Freq:	554.00 MHz	Power:	69.1 dBμV	MER:	30.3 dB	CBER:	6.7E-05
C/N:	36.2 dB	LM:	9.9 dB	VBER:	<1.0E-08		

2/3

**SPECTRUM + MEASUREMENT + TV**

**SPECTRUM 3/3**

3/3

**FULL SPECTRUM**



## TV MODE

**TV 1/3**

1/3

**FULL TV**

**TV 2/3**

Power:	69.2 dBμV
C/N:	34.7 dB
MER:	30.4 dB
VBER:	<1.0E-08

2/3

**TV + SPECTRUM + MEASUREMENT**

**TV 3/3**

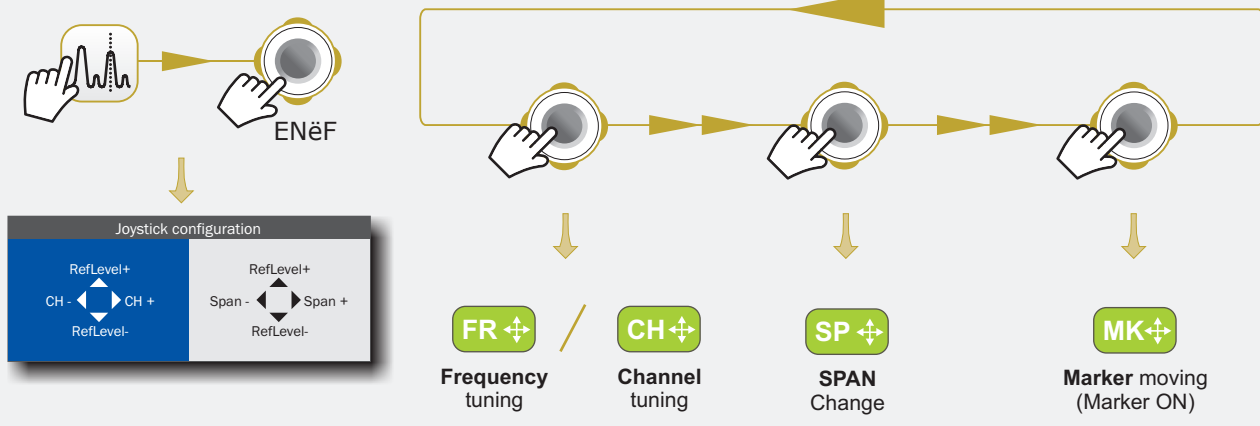
SERVICE	
Network:	Mux de EDC TA1C
Provider:	TVC
NID:	12527
ONID:	8916
FRF:	
TSID:	1007
SID:	10562
DIV:	DIV
LCN:	
NIT v:	0=Info
App. Type:	HbbTV

AUDIO	
Type:	DD+
Format:	16bit
Language:	cat
Profile:	HP@L4.0
PID:	211

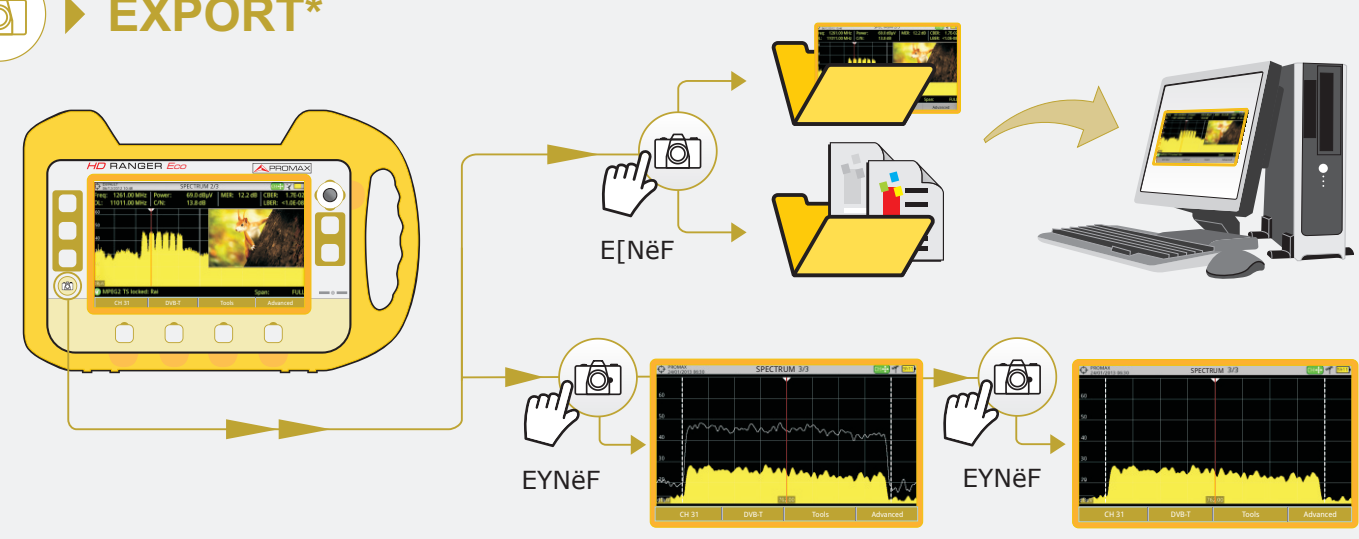
3/3

**TV + SERVICE DATA**

## ▶ JOYSTICK



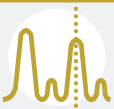
## ▶ EXPORT\*



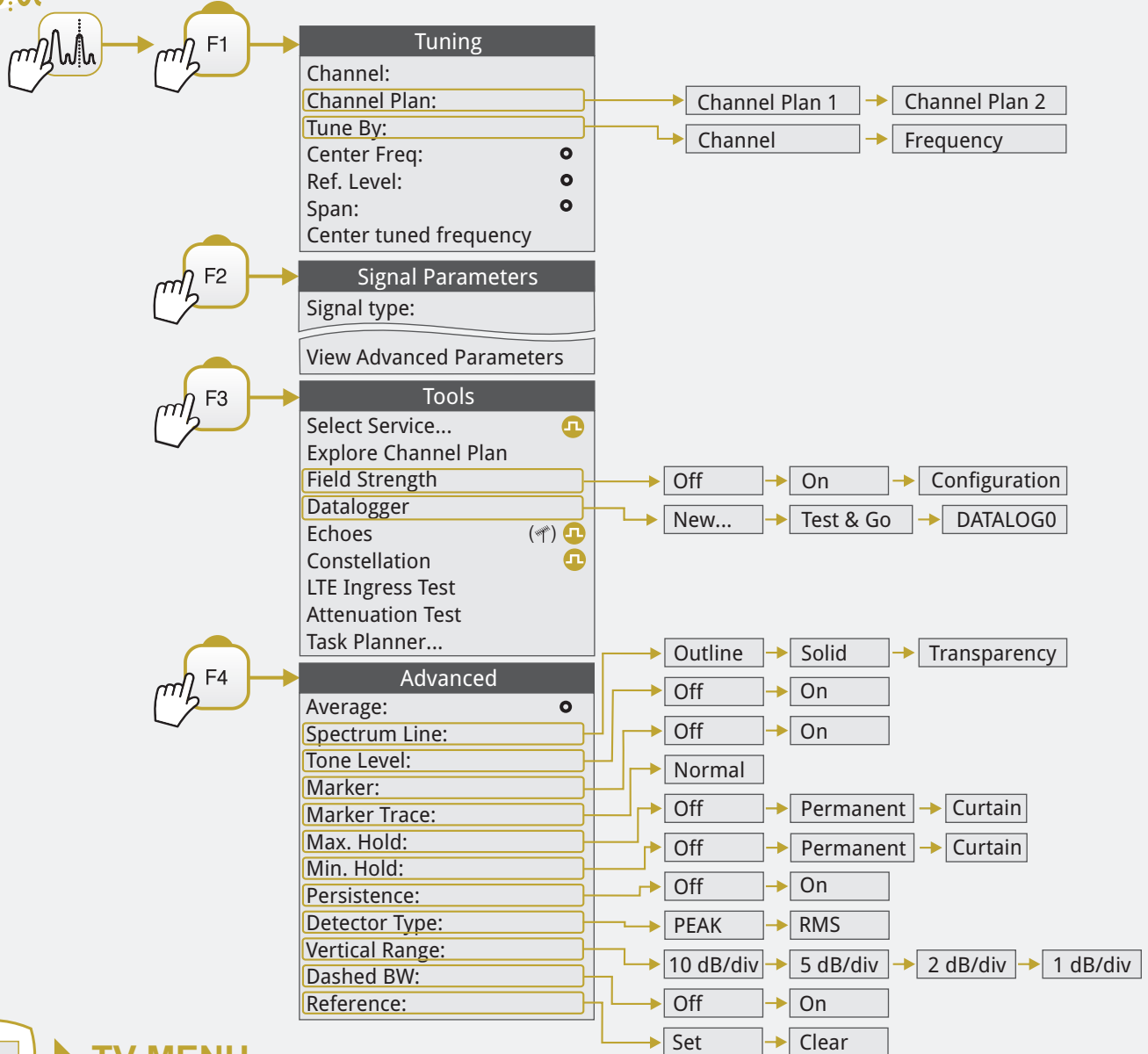
\*Export settings in Preferences

## ▶ INSTALLATIONS MANAGEMENT

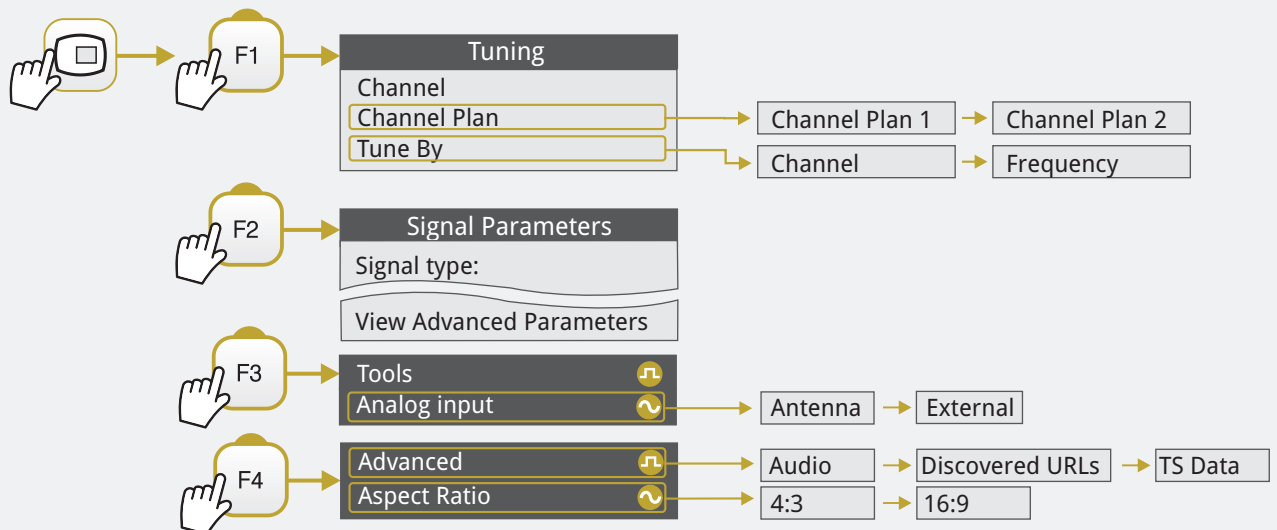




## SPECTRUM ANALYSER MENU



## TV MENU



Option available for **terrestrial band**



Only available for **digital channels**



Option available for **satellite band**



Only available for **analog channels**



UP



DOWN



LEFT



RIGHT



VALIDATE

## 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.



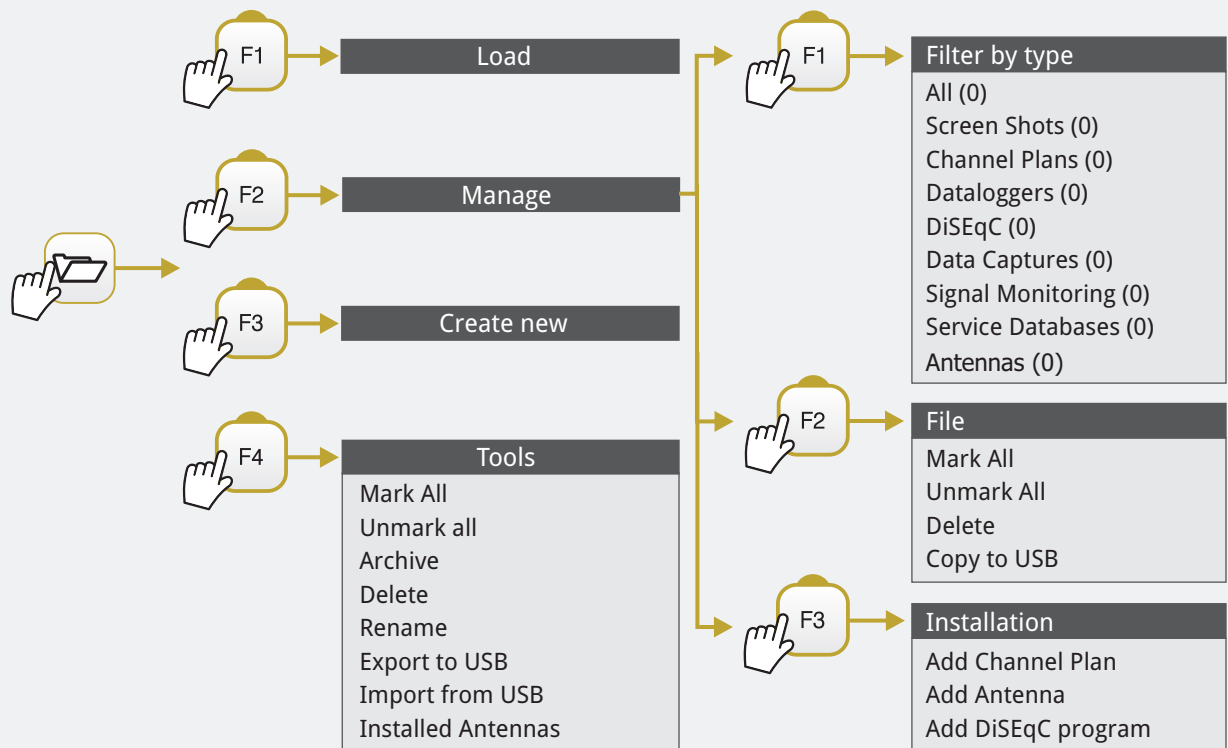
Advanced	
Average	0 ●
Spectrum Line	Outline ▾

- Outline
- Solid
- Trans.

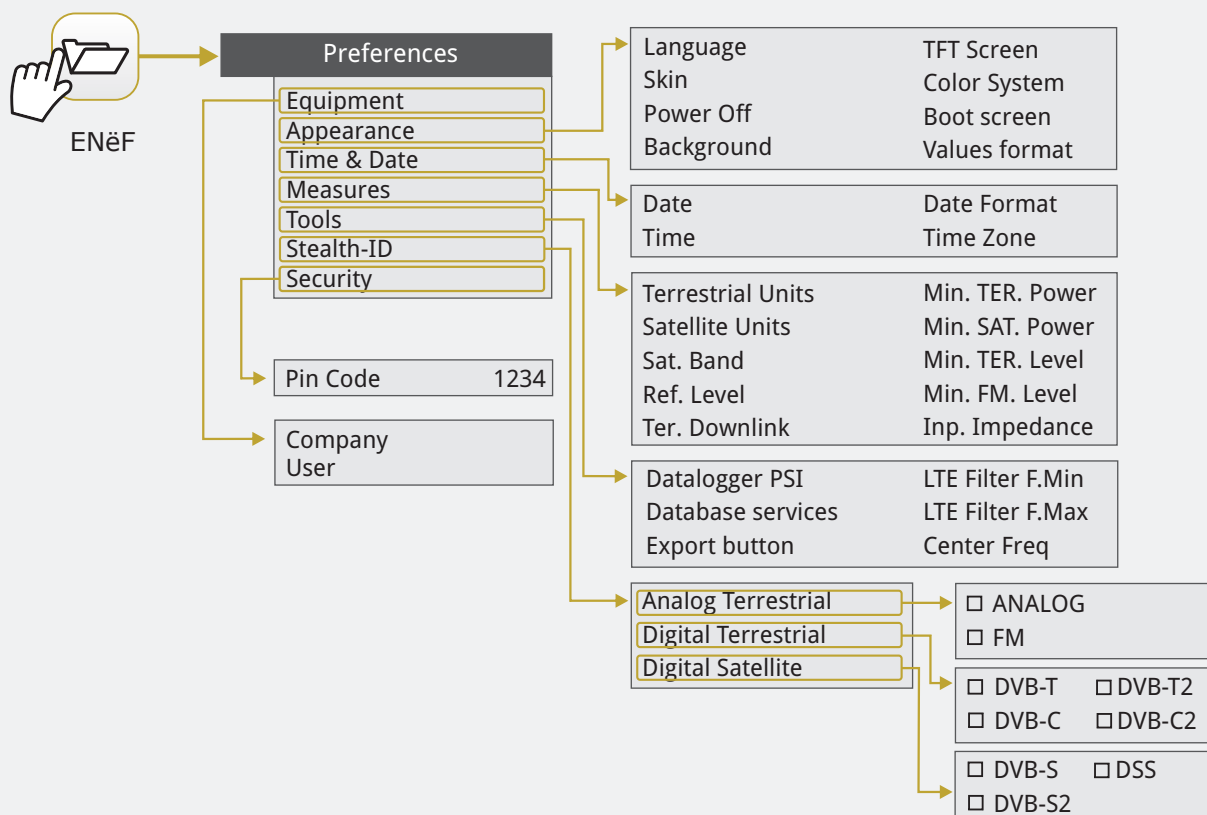


Advanced	
Average	0 ●
Spectrum Line	Solid ▾

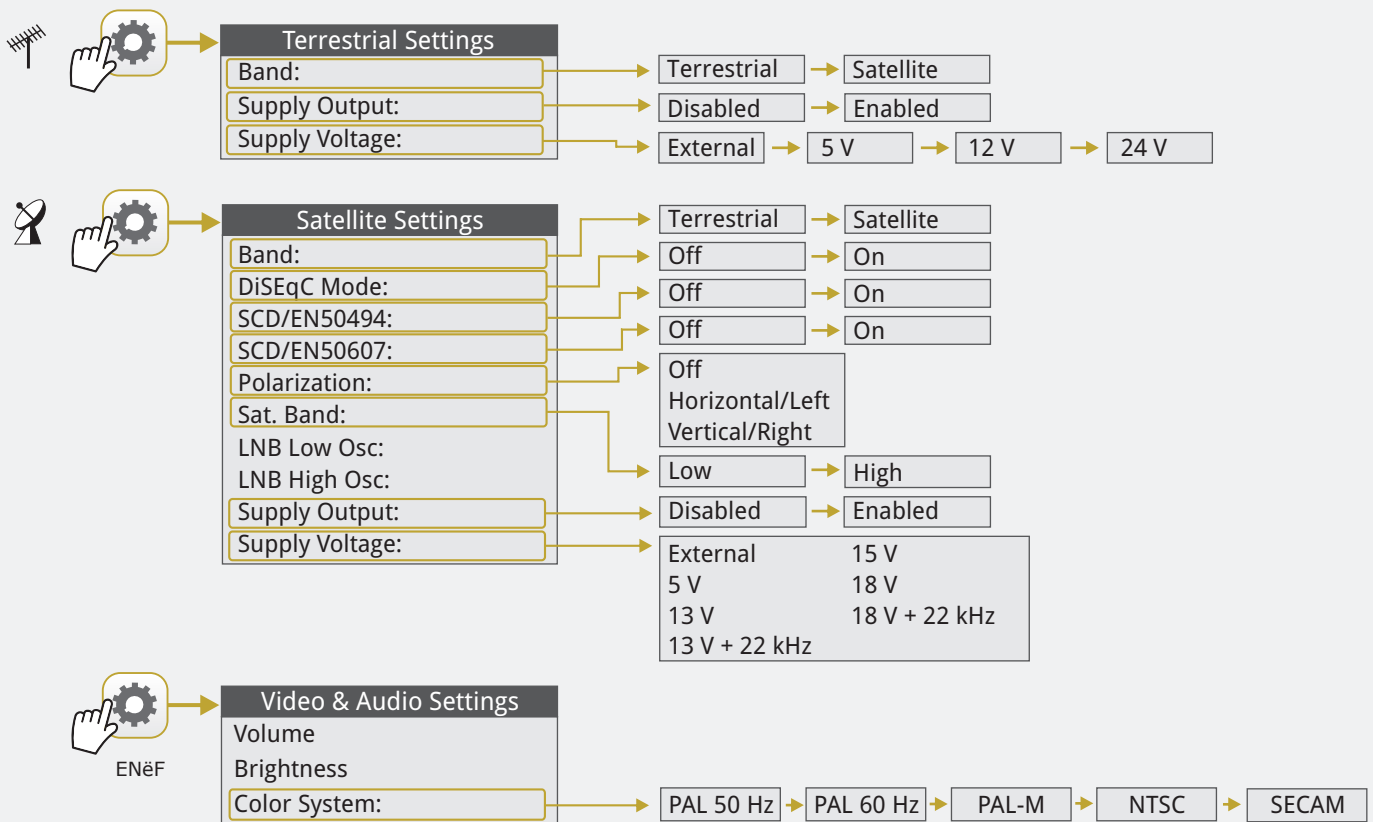
## INSTALLATIONS MANAGEMENT



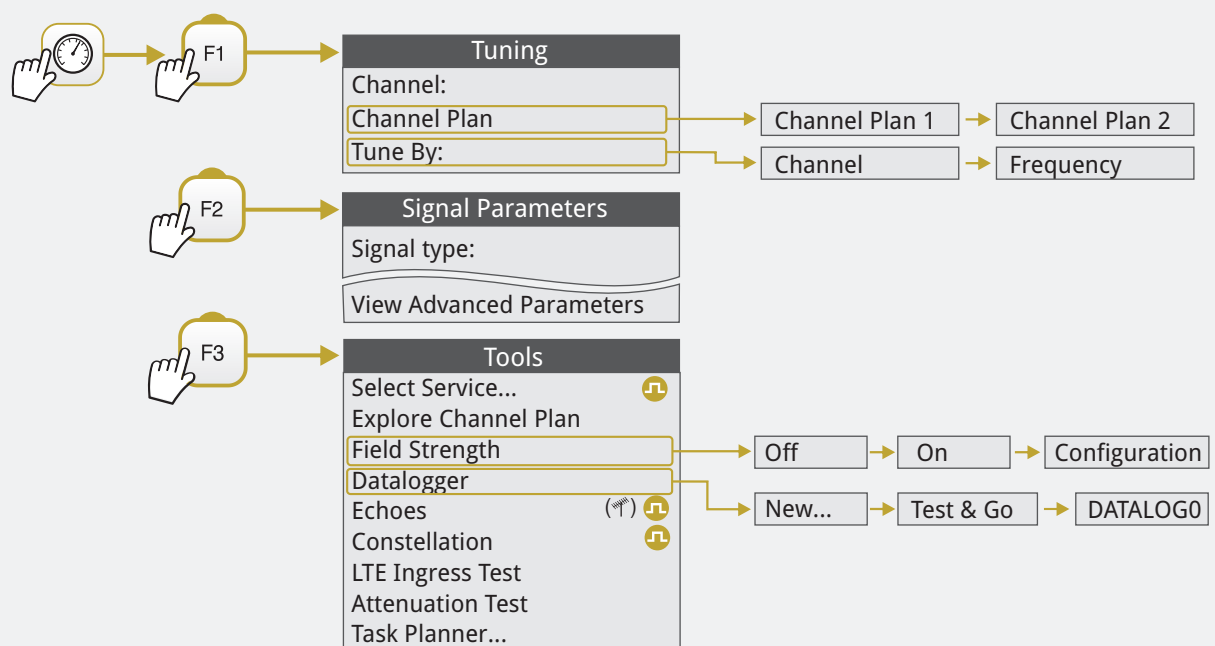
## PREFERENCES MENU



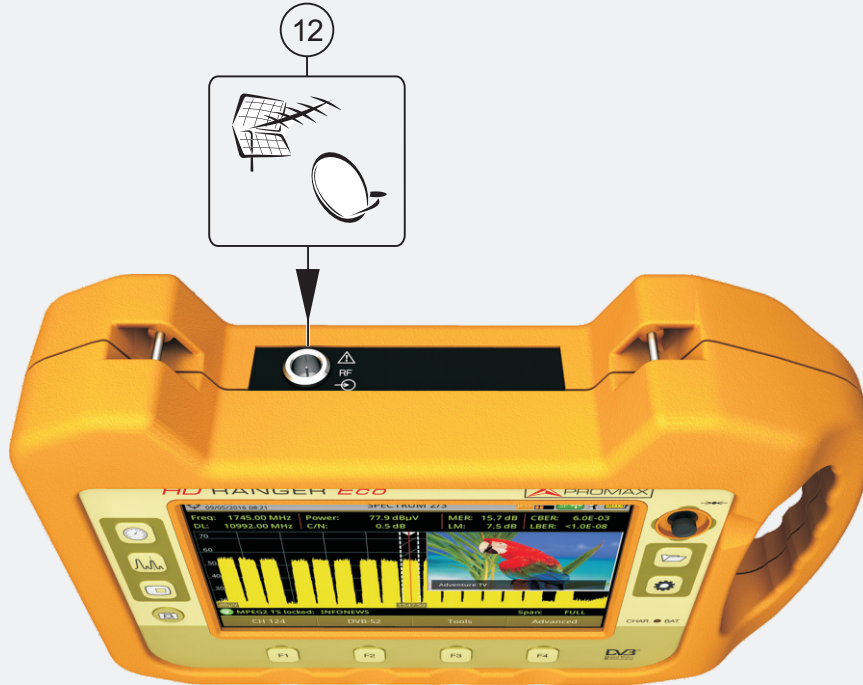
## SETTINGS MENU



## MEASUREMENT MENU



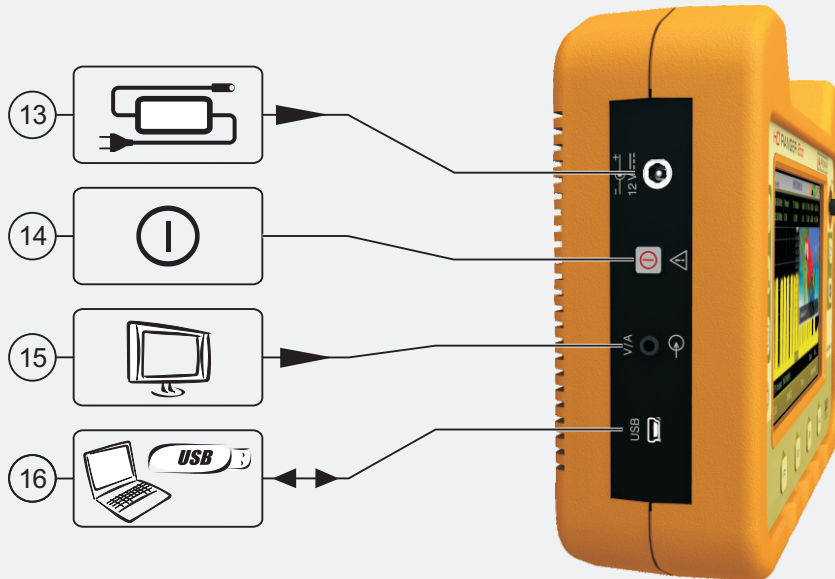
## TOP VIEW



12 RF input connector

## SIDE VIEW

- 13 Power input connector
- 14 ON/OFF button
- 15 Video/Audio input
- 16 Mini-USB connector



### RESET



Reset the device by pressing the ON/OFF button (14) for 10 seconds. The device will restart and return to the factory default settings.