

NP100

100 products in 18 months



DIGINOVA BOSS

INTELLIGENT RADOMIZED ANTENNA

REF.144110/11

With automatic signal adjustment Bill and UHF

Ideal for DTT and DAB reception.

The Diginova Boss antenna is the only radomized antenna of low visual impact that, automatically, optimizes the installation.

- Low consumption.
- Low visual impact.
- 10 element Yagui-type UHF antenna implemented on a printed circuit board of latest technology.
- Protection. The watertight set isolates and protects from the elements with an IP53 protection index.
- UV resistant.
- Easy installation.
- Versatility. Enables the installation of vertical and horizontal polarization.

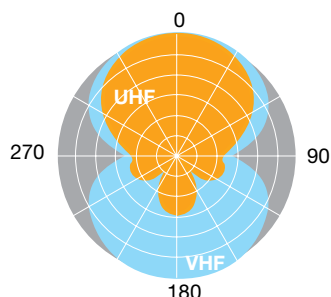
REF	DESCRIPTION	EAN 13
144110	DIGINOVA Boss Antenna (complete kit)	8424450146057
144111	DIGINOVA Boss Antenna	8424450146064

INTELLIGENT RADOMIZED ANTENNA

WITH AUTOMATIC SIGNAL ADJUSTMENT IN BIII AND UHF

TECHNICAL FEATURES

- ✓ **Adapts itself to the received signal level.** When the installer fits it, he does not have to worry about the input level as the antenna guarantees the most adequate output to the received signal.
- ✓ **Corrects the signal fluctuations,** autoadjusting the output level to the optimal value, independently from the input variations. The signal reception will remain protected against fluctuations, in a transparent way for the user.
- ✓ **Keeps the output level** independently from the radioelectric spectrum in the moment of installation.
- ✓ **The evolution of the number of channels is not important.** At the antenna output the spectrum will be: without intermodulation, without noise, with the best possible BER and the C/N optimized. The antenna adjusts itself to future channels.
- ✓ **Radiation Diagramm:**



The BIII and UHF amplifier implements the **BOSS Tech technology** to control the output level automatically.



The antenna determines the quality of the signal which cannot be improved by any other element of the TV network.

If this antenna is the Diginova BOSS, the installation will have the best possible signal quality while preserving the aesthetic in fronts and balconies, historic buildings, protected environments, etc.

Complete kit (Ref.144110):

- u Radomized intelligent antenna for DTT and DAB (Ref. 144111)
- u User manual
- u 1 Indoor domestic amplifier with line powering (Ref. 5457)
- u 1 "Power injector" for battery connection (Ref.7450)
- u 1 coaxial cable T-100 (14 meters)
- u 1 M/H (1,5 meters)
- u 1 shielded IEC connector
- u 3 F connectors
- u 1 F watertight cover

Basic Kit (Ref.144111):

- u Radomized intelligent antenna for DTT and DAB
- u User manual
- u 1 F connector
- u 1 F watertight cover

MODE	Passive			Active		
	FM	BIII	UHF	FM	BIII	UHF
SIGNAL						
GAIN	-2	-2	4-7	-2	10dBmax	16-19dBmax
OUTPUT LEVEL	-	-	-	-	Self regulated	
NOISE FIGURE	-	-	-	-	3dB typ	2dB
RECOMMENDED INPUT SIGNAL LEVEL	>75 dBµV			<75 dBµV		
POWERING VOLTAGE	0 Vcc			12-24 Vcc		
CONSUMPTION	-			32mA (12Vcc) - 42 mA (24Vcc)		
WIND LOAD	69.6N (a 130 Km/h)			95.7N (a 150 Km/h)		

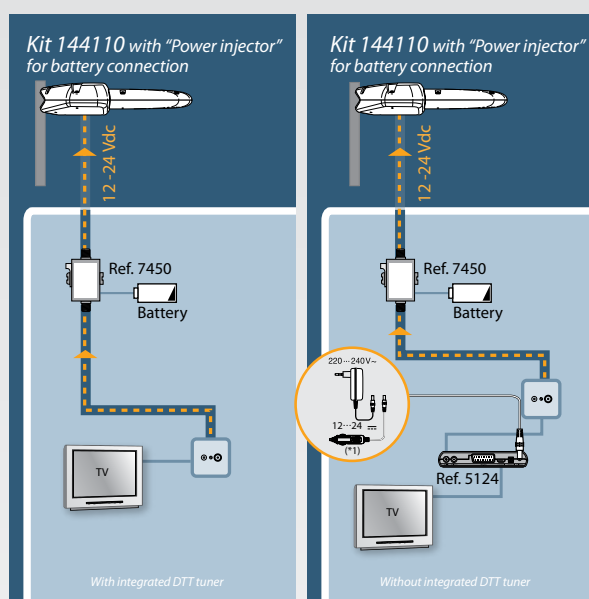
DOMESTIC AMPLIFIER (Ref.5457)	47-862 MHz
GAIN	20 dB
OUTPUT LEVEL (DIN45004B)	106 dBµV

INTELLIGENT RADOMIZED ANTENNA

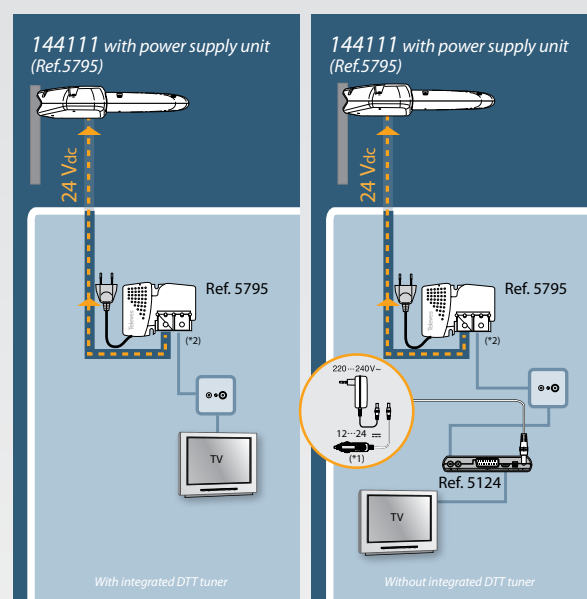
IDEAL FOR DTT AND DAB RECEPTION

TYPICAL APPLICATIONS OF THE DIGINOVA BOSS

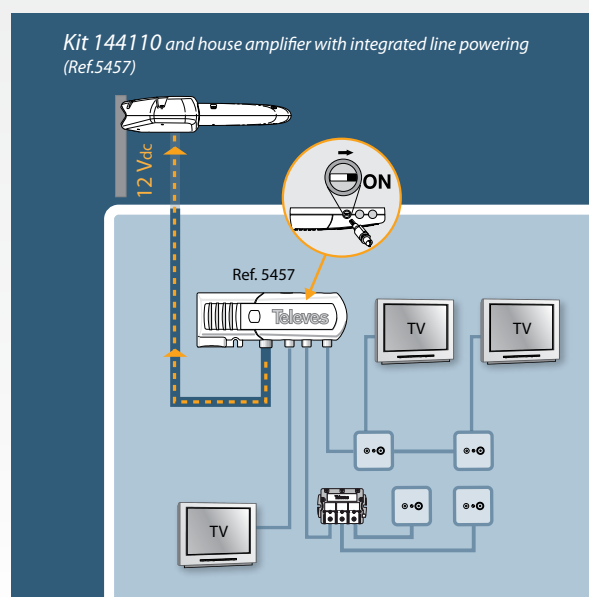
1 Reception of FM, BIII and DTT (UHF) in caravans and motorhomes



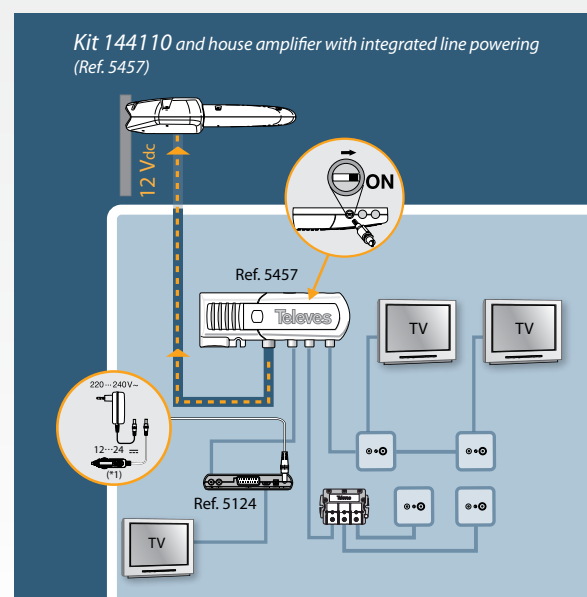
2 Reception of FM, BIII and DTT (UHF) for TV sets



3 Reception of FM, BIII and DTT (UHF) for installations with extensive distribution system and TV sets **with integrated DTT tuner**



4 Reception of FM, BIII and DTT (UHF) for installations with extensive distribution system and TV sets **without integrated DTT tuner**



(*1) Cigarette lighter adapter, not included with ref. 5124.

(*2) Ref. 5795 is not included in ref. 144111.