

OMNI-NOVA BOSS

Televes[®]

the first **intelligent** omni-directional antenna

Ref.144401

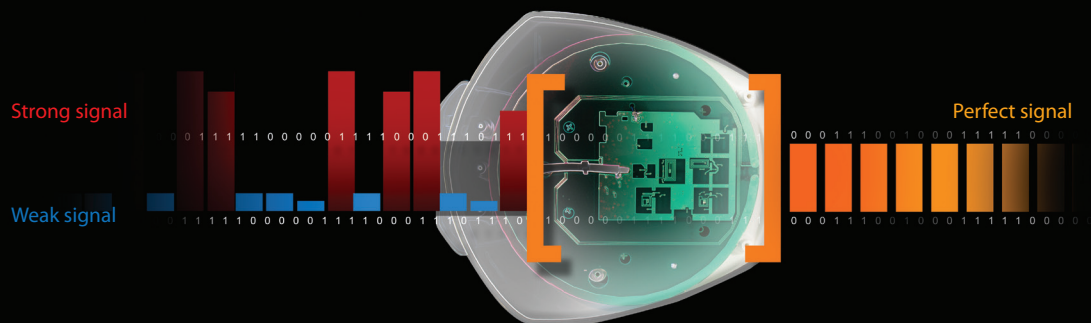


Ideal for DTT reception on boats

MADE IN SPAIN

OMNI-NOVA BOSS

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



the antennas without Boss-tech belong to the past

The Omni-Nova BOSS antenna is the only omni-directional antenna in the market that, automatically, optimizes the installation.



Adapts itself to the received signal level

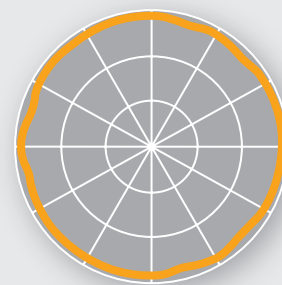
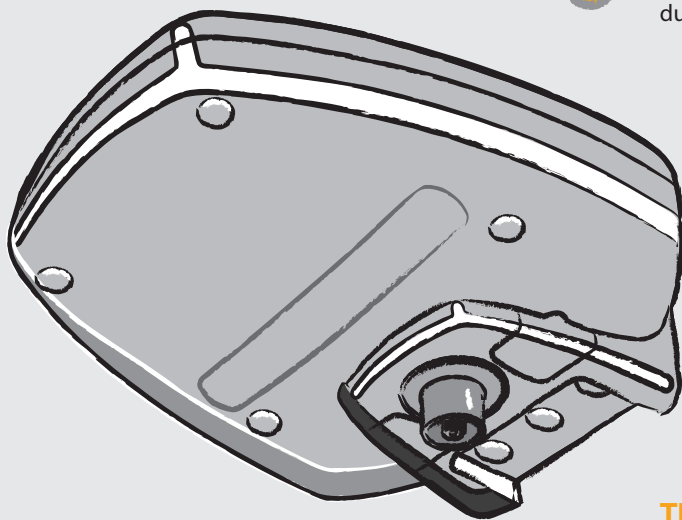
When the installer fits it, he does not have to worry about the input level as the antenna guarantees the most adequate output to the received signal.



Keeps the output level independently from the radioelectric spectrum in the moment of installation.



Doesn't need to be aligned due to its omni-directional radiation diagram



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.**



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.

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 Omni-Nova BOSS the installation on your boat will have the best possible signal quality.



Made of **high resistant materials** to nitre, humidity and climatic elements in general.



Stable reception in case of movement, turning or swinging.



Protected from electrical discharges.



Completely **watertight**.



- Includes 3 amplifiers, one for each band (FM, BI-BIII, UHF) which **avoids interferences**, minimizing cross-modulation effects.
- Incorporates an AM antenna.

- Equipped with rejection-filters for out-band signals, especially for marine telecommunication bands.
- Independent outputs for Radio and TV.

OMNI-NOVA BOSS	
UHF	
Polarization	Horizontal omnidirectional
Gain (dB)	30 dB max. BOSS TECH (Balance Output Signal System Technology)
VHF	
Polarization	Horizontal omnidirectional
Gain BI (dB)	26
Gain FM (dB)	20
Gain BIII (dB)	28
AM	
Polarization	Horizontal omnidirectional
Gain(dB)	-1
Protection Index	IP 53
12 V Power Supply	
Input (V)	11 ... 20
Output (V)	10 (On) / 8 (Off)
Attenuation (dB)	R TV 1,5 typ. (3 max.)
Max. Current (mA)	100
Protection Index	IP 20

Complete Kit:

- ▶ 12V PSU with switch to select active antenna/passive antenna
- ▶ 12V Network adapter
- ▶ Switch-mode PSU
- ▶ Shielded IEC connector
- ▶ F Connector
- ▶ 1.5m male/female lead (PSU/TV connection)
- ▶ Special supports for easy installation

With the **Omni-Nova Boss**, the best possible **signal quality is guaranteed** and you will have the best conditions for TV distribution on your boat .

Weak signal level
Need of high gain



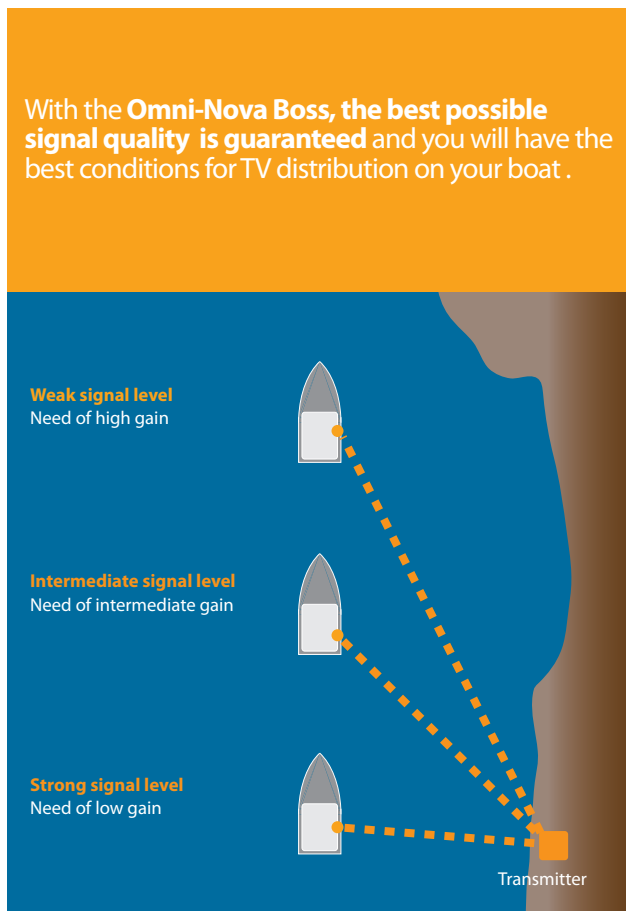
Intermediate signal level
Need of intermediate gain



Strong signal level
Need of low gain

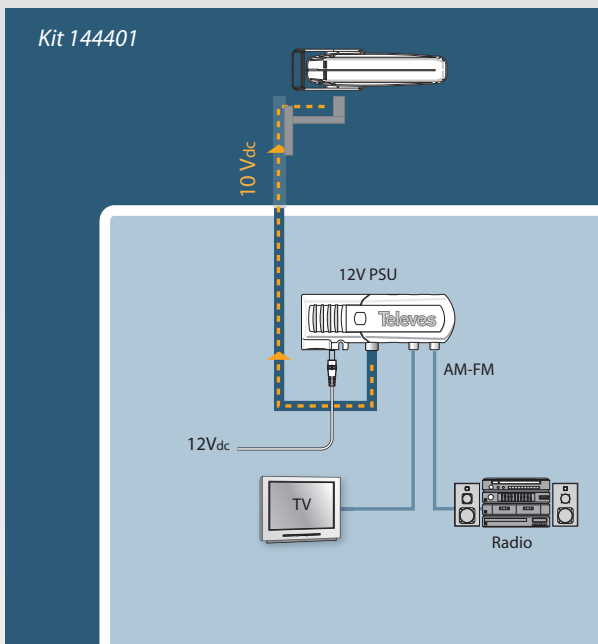


Transmitter

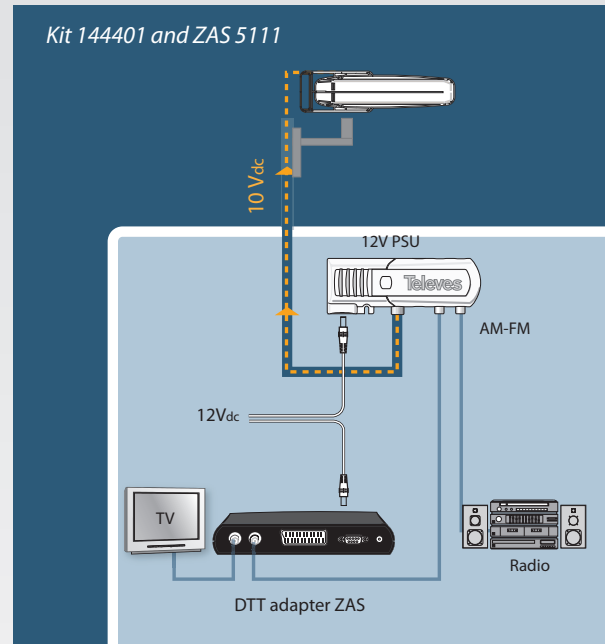


Typical applications

- 1** Multiband-Reception AM, FM, BI, BILL and DTT(UHF) reception for TV sets **with integrated DTT tuner**



- 2** Reception of AM, FM, BI, BILL and DTT(UHF) for TV **without integrated DTT tuner**



1. The kit 144401 does not include the coaxial cable to connect the Omninova Boss antenna with the 12V PSU. Televes recommends the outdoor coaxial cable Ref.2155.
2. 12V power adapter is not supplied with zAs DTT adapter.

- 3** When mounted on a sailing boat, it is recommended to place the antenna as high as possible.

