

# SmartKom

Filters, mixes, amplifies and balances  
**at the touch of a button**

R E A D J U S T      A U T O S C A N



Intelligent mast amplifier that combine the functions of a TV installation, by filtering, mixing, amplifying and balancing the DTT signal **with just pressing a button.**

DESIGNED FOR TV DISTRIBUTION IN FAMILY HOUSES



All in one



Automatic adjustment



High channel selectivity



Rejection of 4G/5G signals



Configuration with ASuite

## What is SmartKom?

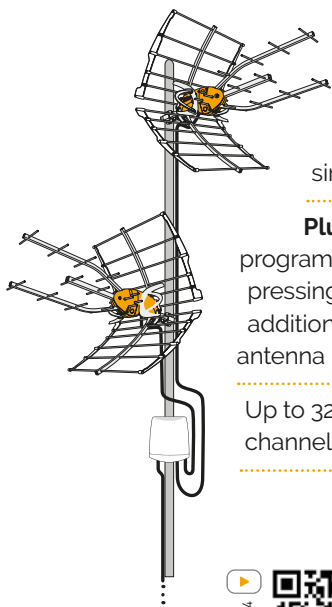
SmartKom is a **compact and intelligent** mast amplifier with digital channel processing, designed for family-houses or small collective installations. There is equipped with several inputs to amplify terrestrial signals from up to 3 different antennas (both VHF/UHF bands) in which each channel can be individually filtered by any of the 32 available programmable filters.

This amplifier is designed designed to combine in only one device the functions of **filtering, mixing, amplifying and signal balancing**. To make this easier, it includes an

**autoprogramming function** that gives this device the ability to program and adjust by itself, simply by pressing a button.



## Why SmartKom?



**"All-in-one" device:** it combines the functions of several elements of an installation such as filters, mixers and amplifiers, supplying a complete signal distribution under a single coaxial cable.

**Plug&Play:** SmartKom automatically program and adjust the channel level by pressing the autoprogramming button. In addition, SmartKom automatically powers the antenna in case the signal requires it.

Up to 32 **high selectivity** digital filters: each channel is individually filtered.



Discover the **SmartKom outstanding performance** against other pre-amplifiers!

**Great signal quality:** the installation of this device on the mast, immediately after the antenna prevents signal degradation. **Combine these amplifiers with a Televes intelligent antenna** results in the best quality.

SAW filter (Surface Acoustic Wave) included for high **rejection of 4G/5G telephone interferences**.

**Digital processing of the channels:** a perfect balance of signal level between different channels is obtained at the output, even between adjacent channels.

Wireless **manual programming** (via Bluetooth) is also available through a smartphone or tablet with the **ASuite app**, avoiding having to physically go to the mast.

## Moreover

**Automatic gain regulation** of signal in each filter (AGC).

**Secure configuration:** in case of electrical failure SmartKom saves the current configuration, avoiding configuring it again.

**Remote powering**, through its coaxial output connector.

**High shielding** chassis, made of Zamak.

**LED indicators** displaying both adjustment and programming status.

100% european design and manufacturing: **Fully automated manufacturing**, subject to the most stringent quality controls.

REF.	DESCRIPTION	EAN13
531911	SmartKom Intelligent Mast Amplifier with Autoprogramming 4i/1o "EasyF": 3x(VHF/UHF)[dc]-FMmix G 45-[-1]dB Vo 85dBμV + Domestic Power Supply 2i/1o "F" 12V-800mA, with Bluetooth antenna	8424450266250

## Configure your SmartKom amplifier in the easiest way: Both automatic or manual configuration are available!

### Automatic Configuration



The autoprogramming function included in SmartKom gives the device the ability to program and adjust by itself. Once the corresponding button is pressed,



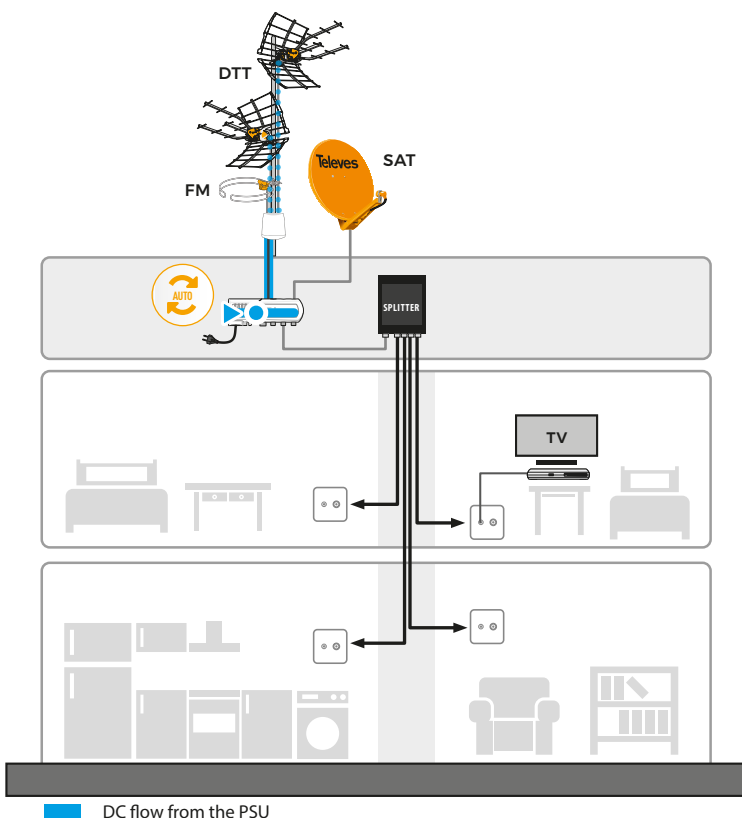
SmartKom searches for channels, select the most outstanding ones and balance the signal level between them. During the process, SmartKom powers the

installed intelligent antennas when it detects that the signal requires it.

The included power supply is installed indoors and serves the necessary power to the SmartKom. In addition, it includes the autoprogramming button.



You can execute this function from inside the house without having to physically go to the mast, where the SmartKom is located.

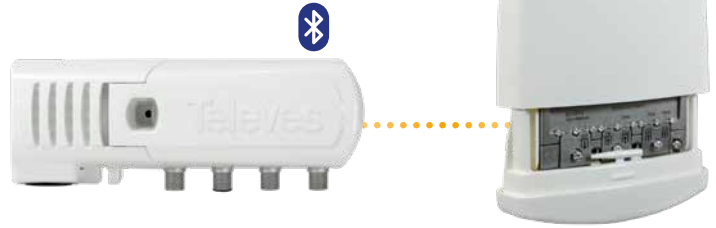


Watch how the SmartKom automatic configuration works!

# Manual Configuration

For those users who want a more personalized signal configuration, manual configuration of the device is available with the ASuite application, available for smartphones or tablets. In ASuite, it is possible to select the desired channels from all inputs in each one of the filters, activate the antenna powering of each input and adjust the signal level of each one of the filtered channels.

The connection of the smartphone or tablet with the SmartKom for its configuration with ASuite is wireless via Bluetooth. The Bluetooth antenna is available on the power supply installed inside the house, so that neither connectivity is never lost and it is not necessary to climb the mast to configure the installation.



## CONFIGURE YOUR SMARTKOM IN AN EASY AND INTUITIVE WAY

ASuite is the application that configures SmartKom quickly and simple, available for smartphones and tablets.

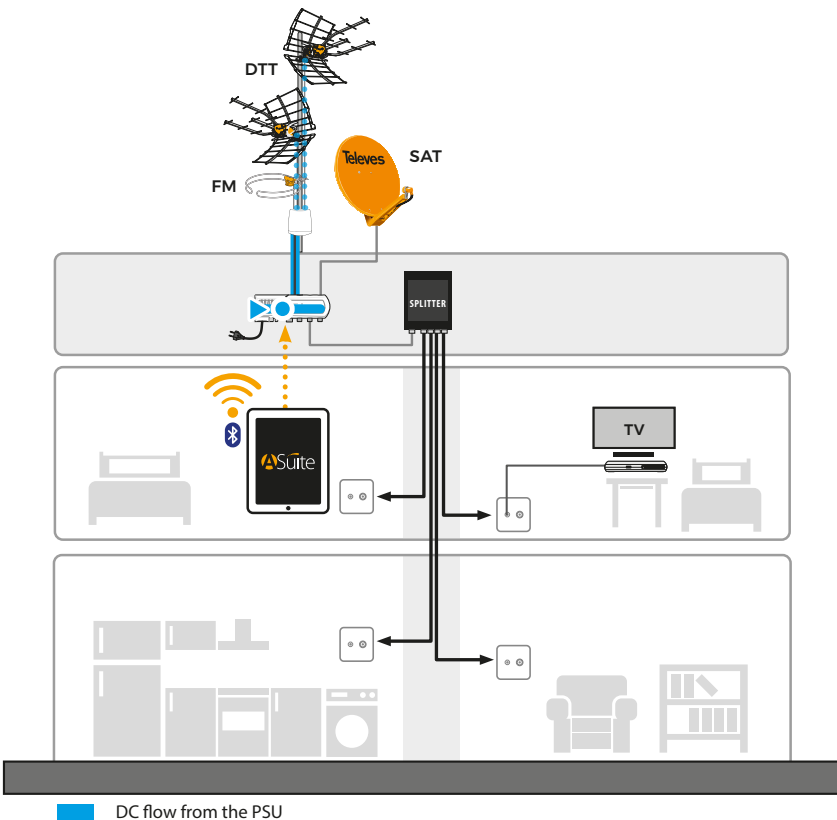
In a few steps it is possible:

- Activate the antennas powering.
- Program filters and adjust levels.
- Fine tune for a greater precision.

Available free of charge for Android and iOS devices.



[asuite.televes.com](http://asuite.televes.com)



Watch how to program SmartKom using ASuite!