

GB **TV ANTENNAS AND ACCESSORIES**
2012 FOR CAMPERS AND CARAVANS



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years



TELECO

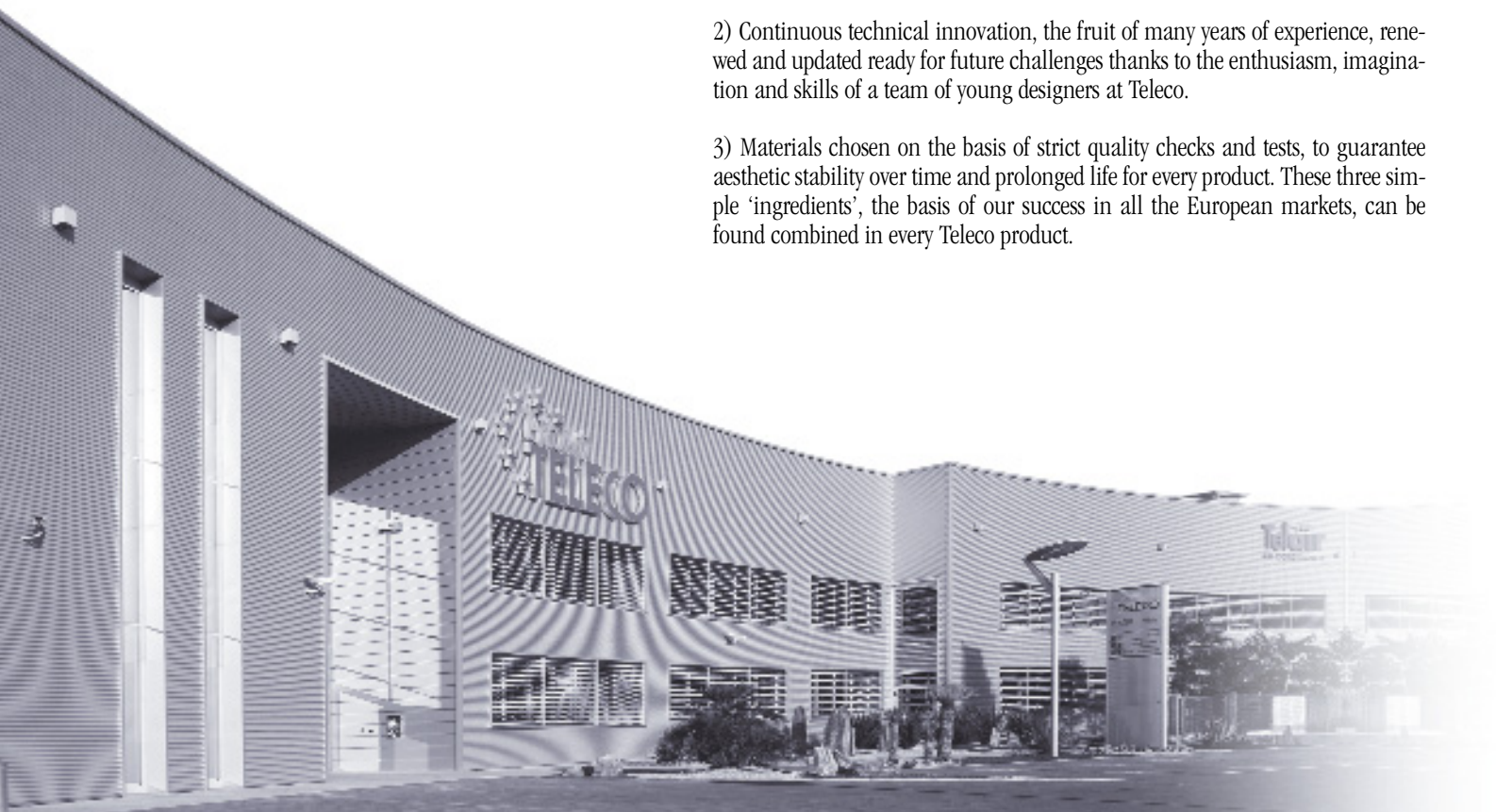
A perfect harmony of Shapes, Functions and construction Materials



1) Ideal design to match any Camper style in terms of both outer shapes and interior decoration details.

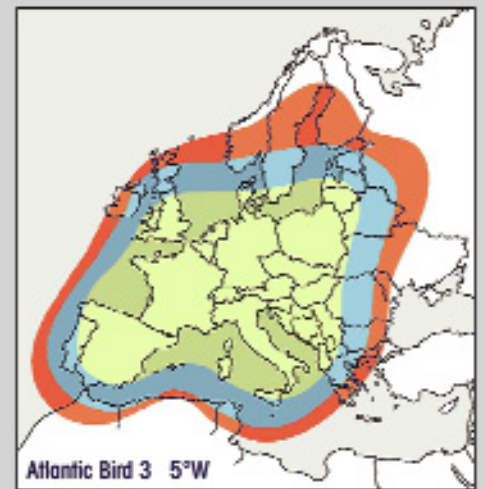
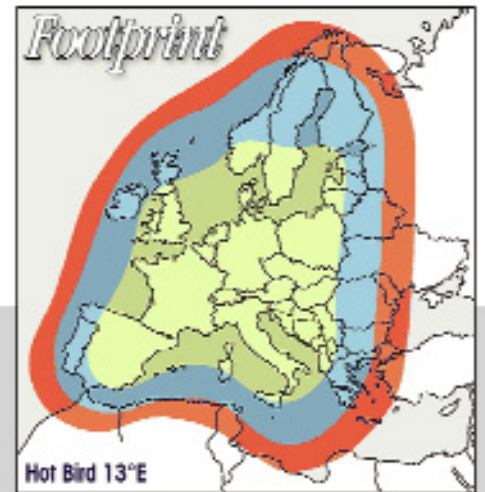
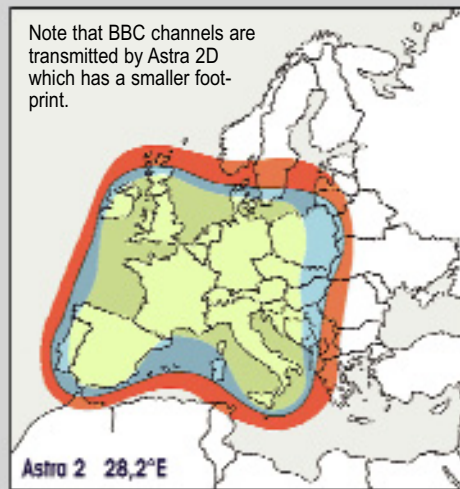
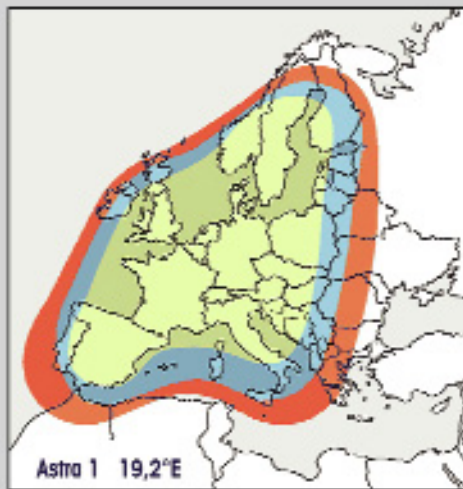
2) Continuous technical innovation, the fruit of many years of experience, renewed and updated ready for future challenges thanks to the enthusiasm, imagination and skills of a team of young designers at Teleco.

3) Materials chosen on the basis of strict quality checks and tests, to guarantee aesthetic stability over time and prolonged life for every product. These three simple 'ingredients', the basis of our success in all the European markets, can be found combined in every Teleco product.



FOOTPRINT tips to choose the correct dish size

Reception of TV and Radio signals broadcast by the 4 groups of satellites is guaranteed within the darker (footprint) areas. It should be remembered that signals become weaker when the sky is overcast or rainy, and this could lead to images with black and white dots, or the images could even disappear. When choosing the satellite system to be installed on your vehicle, make sure the dimensions of the parabola are suited for receiving the satellite signals in your viewing area.



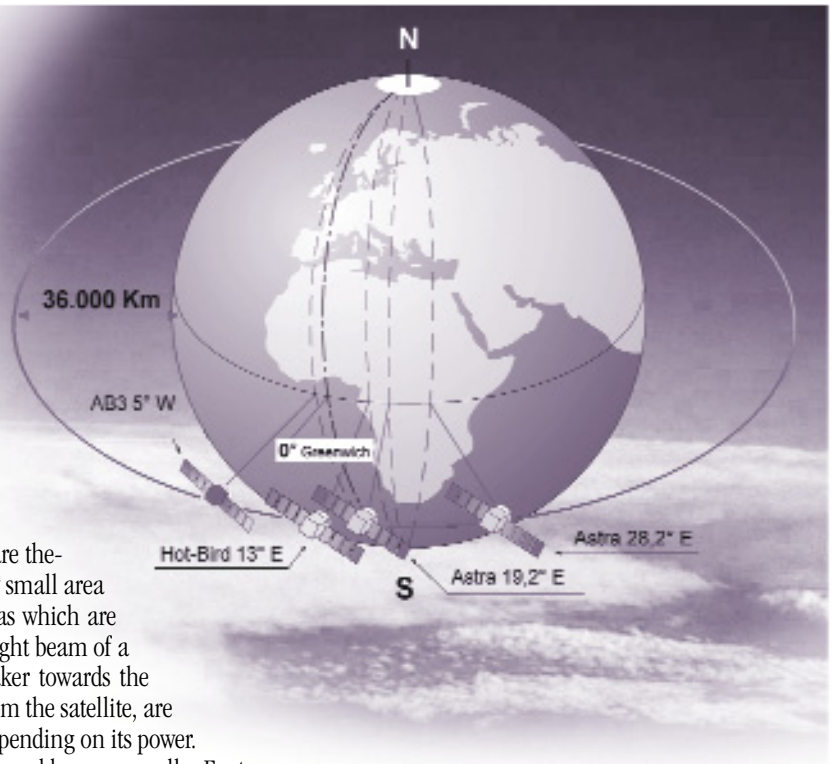
The reasons for a choice

Satellite location for TV and radio transmissions








Every satellite is positioned in an orbit around the equator at a distance of about 36,000 km from the earth. Each satellite is in a fixed and well defined position on this orbit, shown in degrees in relation to the Greenwich meridian. The Astra 1 satellites are all positioned at 19.2° East of Greenwich. The Eutelsat and Hot Bird satellites are all positioned at 13° East of Greenwich. The Atlantic Bird 3 (AB3) satellite is positioned 5° to the West of the prime (Greenwich) meridian.

Satellite reception area (Foot-Print)






Since the satellites are fed exclusively by solar panels, the power available for transmitting to the ground is very low. They are therefore forced to concentrate all their transmitting energy in a very small area of the Earth, so the signals can be received by parabolic antennas which are relatively small. The effect of the signal transmission is like the light beam of a car: more powerful at the centre of the beam, weaker and weaker towards the edges. These areas, where one can receive the signals delivered from the satellite, are called Foot-Prints, and each satellite has a different Foot-Print depending on its power. For example, "older" satellites have a smaller transmission power, and hence a smaller Foot-Print. Given the power ratings of the major satellites, TELECO has chosen for its whole range of satellite reception systems three dish dimensions: 50 cm, 65 cm, 85 cm - able to meet most of every camping enthusiast's requirements.



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Automatic Pointing Satellite Antennas

Simple to install

- Comes complete with cables and accessories.
- Aluminium mounting plate which allows you to secure the drive unit to the roof using high strength glue (SIKAFLEX) without having to drill holes.
- Direct connection to a 12 Volt battery

Easy to use

- Just press any key to align with the satellite.
- Average satellite search time: 60 seconds.
- All models with remote control are equipped with a MIR infrared remote control expander, which can easily be applied on a wall or on the television: this allows all remote control operations to be carried out even if the control unit is inaccessible.

High Technology

- Control Unit designed according to the miniaturised SMD technology on Multilayer boards.
- Reprogrammable software for future upgrading
- Dishes with Universal LNB for receiving Digital programs HD, SD.



- *Internal unit control electronic system*



- *Many options for sophisticated systems GPS SKEW - TWIN- QUAD*



Flat-profile Just
15-17 cm high
(with closed
dish) on the
vehicle roof



*Incorporated safety
system, with auto-
matic lowering of the
antenna when the
vehicle is started.*



- *Streamline antitwist arm*
- *Aluminium casting with special DIE-CASTING injection technology (lighter and stiffer) with corrosionproof epoxy painting*

*Motor-powered system
with steel and bronze
gears for perfect, stable
satellite tracking..
maintenance-free!!!*



Automatic satellite antenna with wall panel

Stand-alone pointing system with wall-mounted control panel, it can be coupled to any Satellite Receiver (not supplied). Especially suitable for connection to Pay TV receivers.

FLATSAT EASY



- Stores all the most important satellites: Hot Bird, Astra19, Astra 23, Atlantic Bird3, Hispasat, (Thor) Astra 28, Sirius
- The safety system closes the antenna automatically upon starting the vehicle

All operations are performed on a simple Wall Panel via 3 KEYS ONLY!



- *SAT key: Selects the satellite and starts the search*
- *Antenna lowering key*
- *ON/OFF key*
- *To be connected to the control unit via a 2 m long cable*



Control Unit

- *Power Supply: 12 Volt*
- *Max Consumption: 3,2 A*
- *Size: 136x198x62 mm*
- *Weight: 780 g*

AVAILABLE MODELS

DISH SIZE:

<p>FLATSAT EASY 50 OPTION - TWIN for 2 receivers</p>	<p>63 cm 15 cm Kg. 8,80 c.a</p>	<p>49 x 45,5 cm</p>
<p>FLATSAT EASY 65 OPTION - TWIN for 2 receivers</p>	<p>85 cm 17 cm Kg. 10,5 c.a</p>	<p>72 x 67 cm</p>
<p>FLATSAT EASY 85 OPTION - TWIN for 2 receivers</p>	<p>104 cm 17 cm Kg. 11,6 c.a</p>	<p>91 x 85 cm</p>



All with a single Remote Control

- 1 You can control your SAT dish
- 2 You can select channels on your receiver
Compatible with all TELECO receivers and also with devices by other manufacturers
- 3 You can manage your TV
Compatible with TELECO TV sets and also with TV sets by other manufacturers



All tracking operations are displayed on your TV screen

Automatic satellite antenna with universal remote control.

FLATSAT ELEGANCE



- Stores all the most important satellites: Hot Bird, Astra19, Astra 23, Atlantic Bird3, Hispasat, (Thor) Astra 28, Sirius
- The safety system closes the antenna automatically upon starting the vehicle



Control unit

- Power supply: 12 Volt
- Max Consumption: 3,2 A
- Suitable for connection to any SAT receiver
- 2 Scart
- 3 CINCH (AR, AL, V)
- Dimension: 256 x 185 x 62

AVAILABLE MODELS

DISH SIZE:

<p>FLATSAT ELEGANCE 50 OPTION - TWIN for 2 receivers</p>	<p>63 cm</p> <p>15 cm</p> <p>Kg. 8,80 c.a</p>	<p>49 x 45,5 cm</p>
<p>FLATSAT ELEGANCE 65 OPTION - TWIN for 2 receivers</p>	<p>85 cm</p> <p>17 cm</p> <p>Kg. 10,5 c.a</p>	<p>72 x 67 cm</p>
<p>FLATSAT ELEGANCE 85 OPTION - TWIN for 2 receivers</p>	<p>104 cm</p> <p>17 cm</p> <p>Kg. 11,6 c.a</p>	<p>91 x 85 cm</p>

Automatic satellite antenna with wall panel

Stand-alone pointing system with wall-mounted control panel, it can be coupled to any Satellite Receiver (not supplied). Especially suitable for connection to Pay TV receivers.

FLATSAT CLASSIC EASY



- Stores all the most important satellites: Hot Bird, Astra19, Astra 23, Atlantic Bird3, Hispasat, (Thor) Astra 28, Sirius
- The safety system closes the antenna automatically upon starting the vehicle

All operations are performed on a simple Wall Panel via 3 KEYS ONLY!



- SAT key: Selects the satellite and starts the search
- Antenna lowering key
- ON/OFF key
- To be connected to the control unit via a 2 m long cable



Control Unit

- Power Supply: 12 Volt
- Max Consumption: 3,2 A
- Size: 136x198x62 mm
- Weight: 780 g

AVAILABLE MODELS

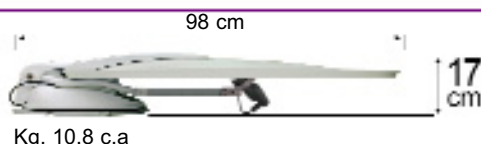
FLATSAT CLASSIC EASY 65
OPTION - TWIN for 2 receivers
QUAD: for 4 receiver



DISH SIZE:

63,5 x 59 cm
OPTION - TWIN for 2 receivers
QUAD: for 4 receivers

FLATSAT CLASSIC EASY 85
OPTION - TWIN for 2 receivers
QUAD: for 4 receiver



85 x 78 cm
OPTION - TWIN for 2 receivers
QUAD: for 4 receivers



All with a single Remote Control

- 1 You can control your SAT dish
- 2 You can select channels on your receiver
Compatible with all TELECO receivers and also with devices by other manufacturers
- 3 You can manage your TV
Compatible with TELECO TV sets and also with TV sets by other manufacturers



All tracking operations are displayed on your TV screen

Automatic satellite antenna with universal remote control.

FLATSAT KOMFORT



- Stores all the most important satellites: Hot Bird, Astra19, Astra 23, Atlantic Bird3, Hispasat, (Thor) Astra 28, Sirius
- The safety system closes the antenna automatically upon starting the vehicle



Control unit

- Power supply: 12 Volt
- Max Consumption: 3,2 A
- Suitable for connection to any SAT receiver
- 2 Scart
- 3 CINCH (AR, AL, V)
- Dimension: 256 x 185 x 62

AVAILABLE MODELS

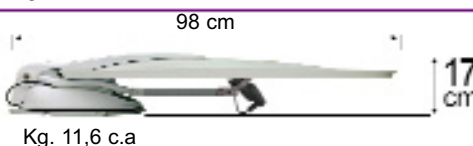
DISH SIZE:

FLATSAT KOMFORT 65
OPTION - TWIN for 2 receivers
QUAD: for 4 receivers



63,5 x 59 cm

FLATSAT KOMFORT 85
OPTION - TWIN for 2 receivers
QUAD: for 4 receivers



85 x 78 cm

Automatic satellite antenna with Skew adjustment by GPS



Satellite pointing system with super precise automatic adjustment of the LNB for the best signal possible via the incorporated GPS module. The Flat Sat Skew is the ideal antenna for people travelling from East to West (Turkey to Morocco) in the Mediterranean area, without manually adjusting the LNB position of their antenna as they go. Ideal reception can only be obtained in this region by positioning the LNB horizontally in the middle of the footprint. When

moving towards the South East or South West of the Mediterranean area, the highest signal normally is only possible by climbing onto the roof and manually turning the LNB CLOCKWISE or COUNTER CLOCKWISE. With Flat Sat Skew manual adjustment is no longer necessary, the GPS-SKEW will AUTOMATICALLY detect your position via the GPS and automatically rotate the LNB to the best possible position for MAXIMUM signal strength.

FLATSAT SKEW EASY



Control unit with wall-mounted control panel, for connection to any Satellite receivers.

- Stores 7 satellites: Astra28°, Astra23°, Astra19°Hot Bird, Sirius, Atlantic Bird3, Hispasat..
- The safety system closes the antenna automatically upon starting the vehicle.
- Power Supply: 12Vdc
- Max Consumption: 3,2 A

AVAILABLE MODEL

- FLATSAT SKEW EASY 65
- FLATSAT SKEW EASY 85
- FLATSAT SKEW ELEGANCE 65
- FLATSAT SKEW ELEGANCE 85

OPTION

TWIN: for 2 receivers

FLATSAT SKEW ELEGANCE



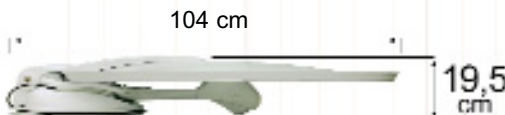
All with a single Remote Control

- 1 Sat Antenna
- 2 TV
- 3 Receiver

- Control unit with remote control, suitable for connection to any Satellite Receiver.
- Stores all the most popular satellites.
- The safety system closes the antenna automatically upon starting the vehicle DIGITAL RECEIVER Common Interface
- Power Supply: 12Vdc
- Max Consumption: 3,2 A approx.



FLATSAT SKEW 65 Kg. 10,8 c.a



FLATSAT SKEW 85 Kg. 12,0 c.a



With the new **MAGIC SAT INTERNET**, **TELECO** is offering you the possibility to use, even on your motor-home, all services offered on the bidirectional large band of **Astra 2 Connect** via **ASTRA 23,5° East** satellite. This means that you can not only surf the net, receive and send e-mails, but also use a telephone line, with mobile phone. To enable the net and phone service you only need to install a Magic Sat Internet composed of:

- 85 cm parabolic dish with 2 LNBS
- iLNB (dedicated to Internet and phone lines)
 - LNB (dedicated to TV)
 - IP Modem

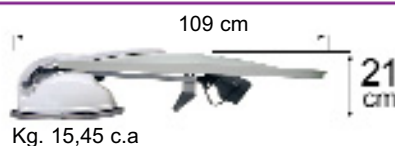
The Interactive LNB (iLNB) is used for receiving and transmitting phone and internet signals, whereas the second LNB (not interactive) receives TV programs transmitted from the following satellite positions: Hot bird, Astra 19,2° East, Astra 28,2° East, Hispasat, Atlantic Bird 3, Sirius.

The IP modem connects your PC to Magic Sat System.



AVAILABLE MODEL

MagicSat Internet 85
MagicSat Internet 85 Twin



DISH SIZE:

91 x 85 cm

Automatic satellite antenna with Internet and TV wall panel

Surfing the Net via satellite is now real!



MAGIC SAT INTERNET offers you the big advantage of surfing the net and, at the same time, to watch TV programs transmitted by either **ASTRA 19° East** or **ASTRA 28° East** only. If you wish to watch TV programs transmitted by another satellite, just select the satellite required (eg. Hot Bird) on the wall control panel and in a few moments the Magic Sat will move the antenna.



Note:

- 1) In order to use Internet and Telephone services a contract is necessary with an Astra2 Connect service access supplier (eg. www.digitaria.it).
- 2) Astra2 Connect services are guaranteed inside Astra23,5° Footprint.

Satellite Antennas with Manual and Semi-automatic pointing system



Anodized corrosion proof aluminium pole with safe and reliable inside locking system.



Manual:
Adjustment of the elevation through a control knob

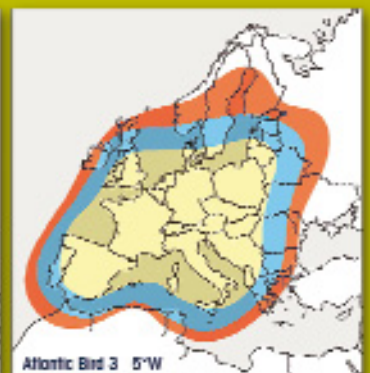
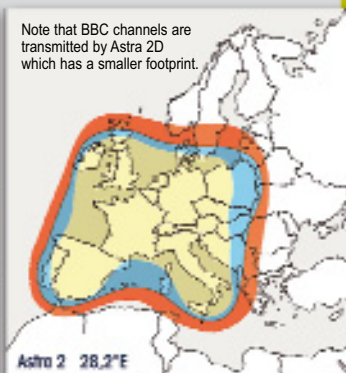
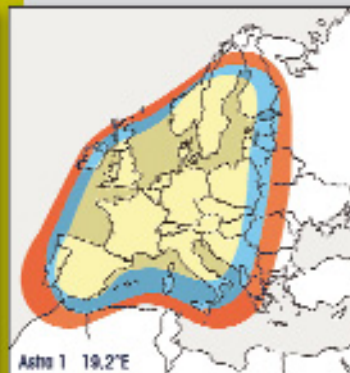
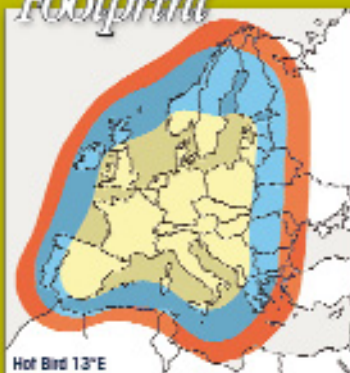


Semi-automatic:
Adjustment of the elevation through an electric motor equipped with a dish angle display.

All dish tilting and turning operations can be conveniently controlled from inside the vehicle.



Footprint



Note that BBC channels are transmitted by Astra 2D which has a smaller footprint.



During travelling, the dish is fully folded down onto the roof, to a height of just 17 - 18 cm.




aluminium mast:
lightweight, provides firm support for the dish, guarantees improved wind stability and enables to make the most of the available reception surface.



Satellite pointing accuracy is ensured by a fully watertight, high-precision mechanical reduction gear in oil bath.



Lead-through box for roof, with adapter for inclined surfaces and locking ring nut for the mast.



Satellite pointing made easier thanks to the new DSF80 and DSF80/E Digital Finders.



Each Kit contains:

- Pre-assembled satellite antenna, complete with folding mast and connecting cables.
- Universal LNB
- Digital Finder DSF80/E
- Dish
- Installation and operation manual

Manual Satellite Dish with Digital Finder equipped with electronic Inclinometer

VOYAGER DIGIMATIC

VOYAGER DIGIMATIC has been specially designed and built by Teleco to make manual searching of digital satellites easier for the user in just a few, quick and simple operations. Currently, the biggest difficulty in manually locating a satellite broadcasting digital TV signals, is linked with the fact that digital signals are displayed on TV screens with a certain delay. Therefore the user is forced to carry out pointing in very slow movements to prevent the risks of going past the required satellite without finding it.

To solve this problem - shared by thousands of camper users - Teleco has applied the most advanced technologies in developing its new VOYAGER DIGIMATIC with DSF80/E Digital Finder, an electronic elevation meter displaying the absolute dish angle even when the vehicle is not level.

DSF 80/E is a device specially designed and built for all those users who wish to be able to quickly locate their required DIGITAL satellite with a manual dish system, avoiding all the "delay" issues connected with digital broadcasting. It is also extremely helpful for all the owners of LCD television sets (instead of traditional cathode ray tube TVs) which, being also the product of digital technology, will display pictures on their screens after a certain "delay".

AVAILABLE MODELS

52 cm long mast

VOYAGER DIGIMATIC 85:
91x85 cm dish

VOYAGER DIGIMATIC 65:
72x67 cm dish

VOYAGER DIGIMATIC 50:
49x45,5 cm dish

AVAILABLE MODELS

33 cm short mast

VOYAGER SM DIGIMATIC 85:
91x85 cm dish

VOYAGER SM DIGIMATIC 65:
72x67 cm dish

VOYAGER SM DIGIMATIC 50:
49x45,5 cm dish

65 cm



88 cm



106 cm

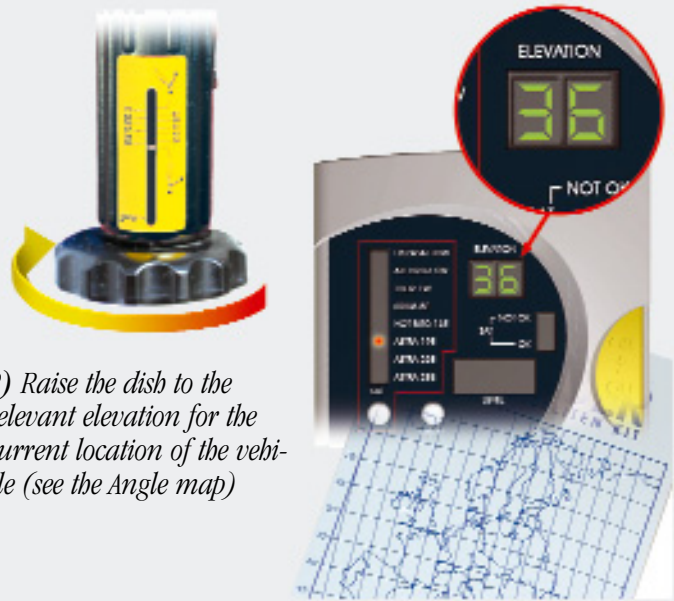


Kg 11,40

1) Select the required satellite
(eg. ASTRA 19E)



2) Raise the dish to the relevant elevation for the current location of the vehicle (see the Angle map)



3) Turn the dish SOUTHWARDS until DSF80/E emits a continuous "BEEP" sound.



4) Wait for the SAT OK diode (LED) to light up, confirming that the located satellite is the required one.



5) If a different satellite has been found, the SAT NOT OK LED will light up and the dish must be rotated again until the "BEEP" sound is heard again and the SAT OK LED lights up.



6) Optimise pointing by slowly adjusting both dish elevation and dish rotation, until the maximum number of lit LEDs is obtained on the LEVEL indicator.



Manual Satellite Antenna with Graduated Scale

VOYAGER G3

VOYAGER G3 is equipped with a Graduated Scale enabling the angle of the dish to be set extremely quickly, while remaining inside the vehicle. To correctly set the angle, it is important that the vehicle is level, if it is not you must add to or subtract the vehicle angle from that of the dish. After setting the correct angle, you just need to turn the dish so it is pointing southwards using the internal mast, and optimise positioning by checking the picture on your TV screen. To make Digital Satellite pointing ever faster and easier, install our new DSF80 (optional) Digital Finder

Each Kit contains:

- Pre-assembled satellite antenna, complete with folding mast and connecting cables.
- Universal LNB
- Dish
- Installation and operation manual



AVAILABLE MODELS

52 cm long mast

VOYAGER G3 85:
91x85 cm dish

VOYAGER G3 65:
72x67 cm dish

VOYAGER G3 50:
49x45,5 cm dish



AVAILABLE MODELS

33 cm short mast

VOYAGER G3 SM 85:
91x85 cm dish

VOYAGER G3 SM 65:
72x67 cm dish

VOYAGER G3 SM 50:
49x45,5 cm dish



65 cm



88 cm



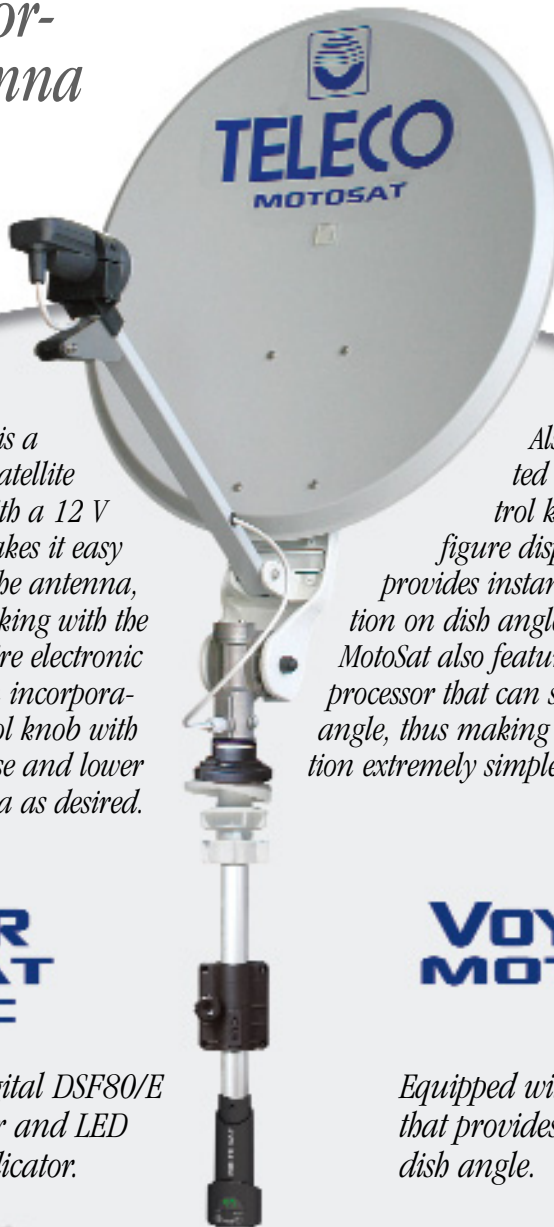
106 cm



Semiautomatic motor-driven satellite antenna



VOYAGER MOTOSAT is a semiautomatic satellite antenna system with a 12 V electric motor that makes it easy to raise and lower the antenna, thus making tracking with the satellite faster. The entire electronic mechanism has been incorporated in an ergonomic control knob with two buttons that allow the user to raise and lower the antenna as desired.



Also incorporated on the control knob is a 2-figure display that provides instant information on dish angle. Voyager MotoSat also features a micro-processor that can save the last dish angle, thus making tracking operation extremely simple.



VOYAGER MOTOSAT DIGIMATIC

This model features a digital DSF80/E tracking unit with Beeper and LED indicator strip signal indicator.





VOYAGER MOTOSAT



Equipped with 2-figure display that provides information on dish angle.



AVAILABLE MODELS

	52 cm long mast	
VOYAGER MOTOSAT DIGIMATIC 85	VOYAGER MOTOSAT DIGIMATIC SM 85	
VOYAGER MOTOSAT DIGIMATIC 65	VOYAGER MOTOSAT DIGIMATIC SM 65	

AVAILABLE MODELS

	52 cm long mast	
VOYAGER MOTOSAT 85	VOYAGER MOTOSAT SM 85	
VOYAGER MOTOSAT 65	VOYAGER MOTOSAT SM 65	



Portable satellite kit *Easy to assemble and disassemble...
And it takes up very little room when stored.*

The KIT CARRY SAT was designed expressly to be assembled and reassembled every time the vehicle is moved, or even every night. The pre-fitted dish has an LNB boom that can be reclined and a pole fixing bracket divided into two sections, allowing the entire kit to be stowed in just a few seconds. All Carry Sat models can be connected to any kind of satellite receiver. Use the FSAT1 TRACKER to facilitate pointing with the digital receiver.



It is provided with a rotating top section for easier dish tracking.



This kit consists of the following:

- Aluminium (TP3 ALU) tripod which is opened and closed like an umbrella.
- Preassembled 65 or 80 cm dish with tiltable LNB supporting arm
- Low-noise universal LNB
- 10 m cable with connectors
- 3 pegs for locking to the ground

Available models:

- **CARRY SAT ALU 80** with 80 cm dish
- **CARRY SAT ALU 65** with 65 cm dish
- The TP3ALU model tripod is also available

Digital Satellite precision finders

User's instructions:

- 1) Select the required satellite (e.g. ASTRA 19E)
- 2) Raise the dish to the relevant elevation for the current location of the vehicle (see the Angle map)
- 3) Turn the dish SOUTHWARDS until DSF80/E emits a continuous "BEEP" sound.
- 4) Wait for the SAT OK diode (LED) to light up, confirming that the located satellite is the required one.

- 5) If a different satellite has been found, the SAT NOT OK LED will light up and the dish must be rotated again until the "BEEP" sound is heard again and the SAT OK LED lights up.
- 6) Optimise pointing by slowly adjusting both dish elevation and dish rotation, until the maximum number of lit LEDs is obtained on the LEVEL indicator.

DSF 80
Finder with 8
satellites and Signal
Level Indicator.
Compatible with all
manual satellite systems.



DSF 80/E
Finder with 8
satellites, Signal
Level Indicator and
Electronic Dish Elevation
Indicator. This model can only
be used on Voyager Matic and Voyager Digimatic
systems - equipped with a special Electronic Angle
Detector system.

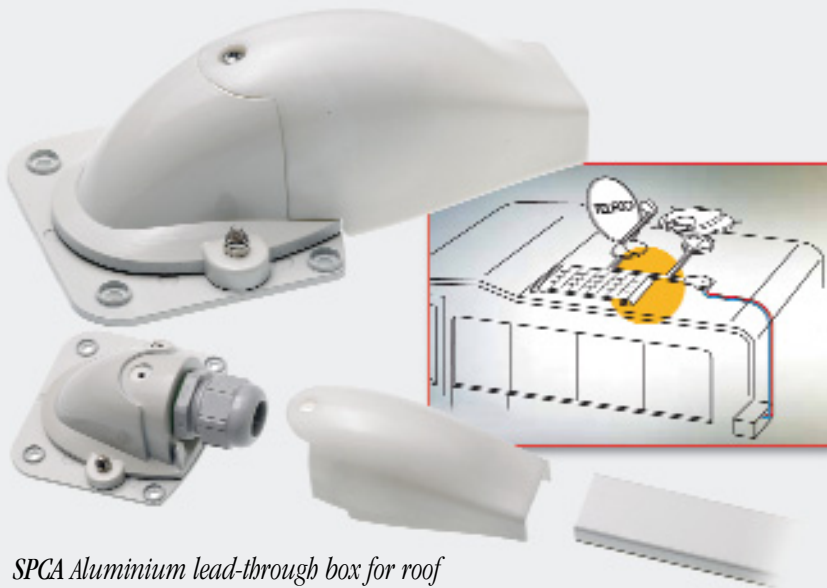


Motosat Kit

This kit allows you to motorize a Voyager manual system simply by replacing the elevation adjustment knob and using a 12 V battery connection.



The motosat kit is equipped with a 2-button electric motor allowing you to raise and lower the antenna. The control microprocessor shows the degree of elevation of the antenna on a display for faster and easier satellite tracking.



SPCA Aluminium lead-through box for roof



SFU
Universal fixing brackets allowing you to fix 42-22 mm receivers on the wall. They are sold in pairs.



FSAT 1 SATFINDER 950 - 2050 Mhz

Pointer signal meter with incorporated beep. Particularly recommended for controlling the dish in Carry Sat systems. Fed by coaxial cable coming from the receiver.

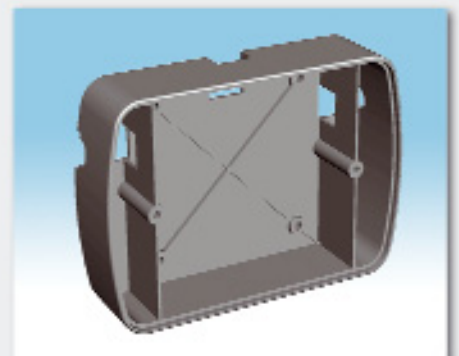


SPC Cable inlet seal



CAD/AS

Coupler suitable for connecting digital receivers to a Magic Sat 2002A or a Magic Sat Digital Plus CI Control Box.



MSE spacer

For wall mounting of the Magic Sat Easy and Flat Sat Easy control panels without having to drill a hole to let the cable through

FORCE HD CI+

*Digital SAT Receiver HDTV
with 1 CI+ port for CI or CI + modules*

FORCE HD CI+, the latest-generation Digital SAT Receiver, is ideal for receiving both HDTV programs (High Definition) up to 1080 i and SD programs (Standard Definition). The CI+ port is compatible with HD + modules and cards and with many CI modules such as VIACCES, NAGRA (Tivù Sat) etc. with PAY-TV CARDS of several European Broadcasters.

It is equipped with many outputs (1 SCART, 2 CINCH Audio + , 1 CINCH Video, 1 Audio digital coaxial S/P DIF, 1 HDMI) allowing the user to connect to any kind of TV with the greatest flexibility. Through the USB 2.0 port it is possible to record and play many programs using a suitable Memory Stick; furthermore, the receiver features the Time-Shift option allowing the user to stop watching a program temporarily and to resume it later from the very same point it was interrupted. Great care was given to the consumption, which resulted in a stand-by value of less than 1 W.



Specifications:

- MPEG-2 , MPEG-4, H.264 and full DVB
- Video Resolution : 576 i , 576 p , 720 p , 1080 i , 1080 p
- 1 support CI +
- 4,000 channels
- 8 favourite lists
- Parental lock
- Teletext
- Multi-lingual subtitling
- Multi-lingual support (OSD)
- Automatic and manual channel scan options
- DiSeqC 1.0 , 1.1 , 1.2
- 8 Timers for recording
- 3 Electronic games
- Low power consumption < 1 W in stand-by
- Timer with Loop-Through
- 1 HDMI output
- 1 SCART (CVBS,RGB)
- 3 CINCH (V,AL,AR)
- 1 Audio Digital Output S/PDIF
- 1 USB 2.0 port for recording
- Power supply: 12 VOLT
- Dimensions: 230 x155 x 60 mm
- Weight:730 gr

Cam Modules



*Tivù Sat CAM Module
with Smart Card included.Suitable for
watching also HD Tivù Sat programs transmit-
ted by Satellites with the Force HD CI+ Receiver.*



*CAM VIACCES Module
Suitable for watching PAY TV programs with the BIS
Television or Canal Satellite Smart Card
(not supplied).*

Digital Sat Receiver



I-CAN 1110 SH

This receiver allows the user to see all programmes transmitted by the Tivù Sat platform from the 13° East HotBird satellite. The included card has no expiry date.

Digital satellite receiver Card included.



- Power supply: 12 Volt and 220 Volt
- Frequency: 950-2150 MHz 2 Nagra and Vonax SMART Card readers
- 1 MIR remote control expander
- 1 SCART jack
- 1 HDMI jack
- 1 CINCH Audio connector
- 1 S/PDIF Audio digital connector
- 1 Modem V.90 socket
- Software upgrade via satellite
- Teletext service
- Consumption: 9.0 W working, 0.7 W in Stand-By
- Dimensions: 23.5 x 17.5 x 42 cm



RDS 2500

This Receiver can record films and digital programmes on a USB flash drive (not supplied). It can also play photos and films stored on the flash drive itself on the TV.

Digital Satellite Mini- Receiver for Free To Air programs

- Extra fast installation, can directly be connected to the SCART jack of your TV set
- Operates at either 12 Vdc or 230 Vac (power supply provided)
- 5000 channels
- 8 Favourite Lists
- Mini remote control expander (MIR)
- Epg (Electronic Program Guide)
- Teletext
- Automatic/Manual channel search
- Multilingual menu
- Timer, Games, Zoom
- Mini Remote Control

Digital Terrestrial Receiver

DVB - T Digital Terrestrial Minireceiver for Free to Air programs

RDT1000C PVR/12

This Receiver can record films and digital programmes on a USB flash drive (not supplied). It can also play photos and films stored on the flash drive itself on the TV.

- 1000 programmable TV and Radio channels
- 8 favourite lists
- Multilingual OSD
- Automatic/Manual channel search
- Teletext and subtitles
- Loop-through antenna passage
- LCN channels sort function
- Software update via USB port
- USB port for recording pictures and TV programs
- Games, calendar, calculator



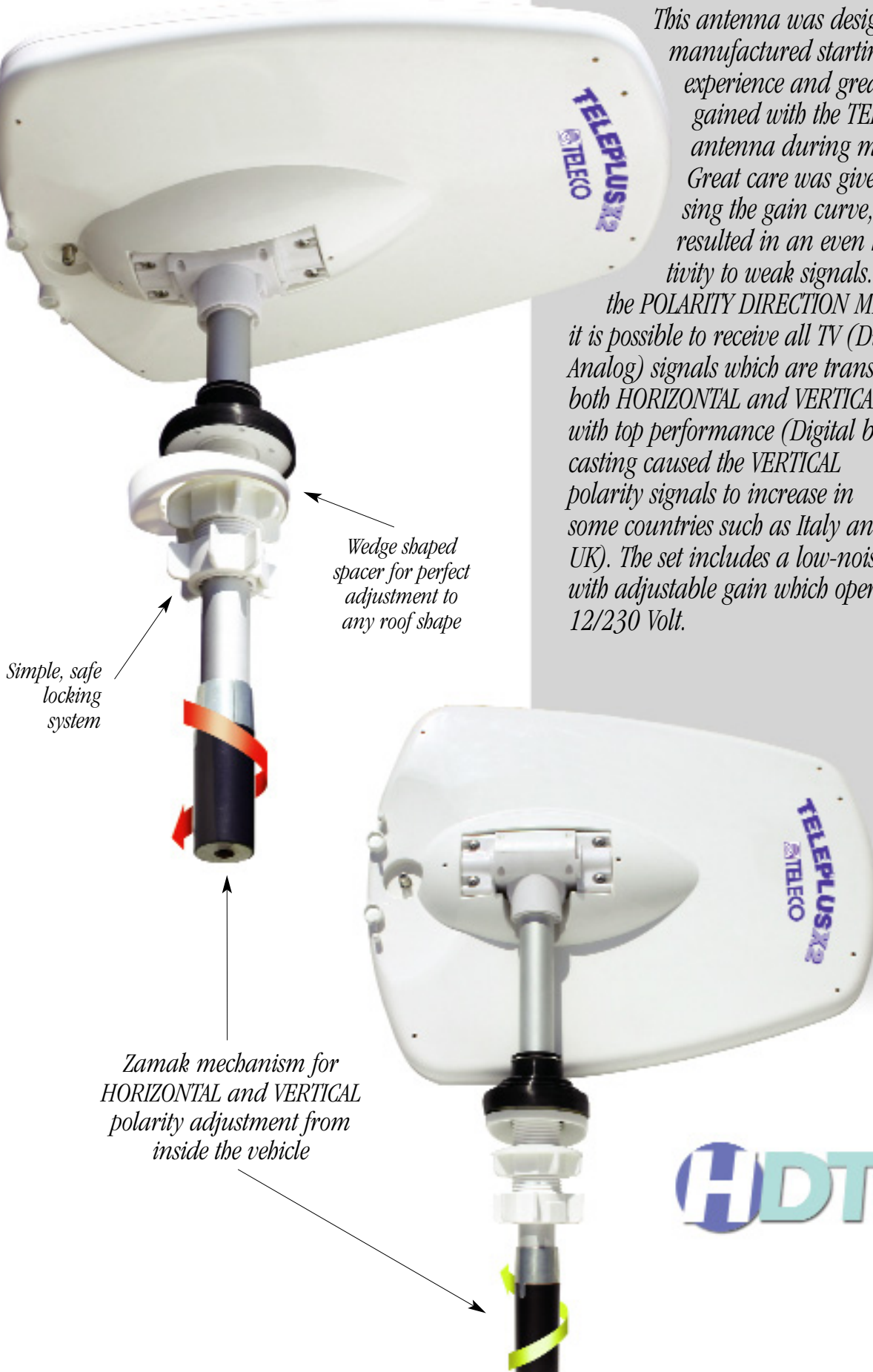
- Extra fast installation, can directly be connected to the SCART JACK of your TV set.
- Power supply: 12 Vdc or 230 Vac/50Hz

TELEPLUSX2

Analog Antenna 38 dB

Dual polarity directional antenna

This antenna was designed and manufactured starting from the experience and great success we gained with the TELEPLUS antenna during many years. Great care was given to increasing the gain curve, which resulted in an even higher sensitivity to weak signals. Thanks to the POLARITY DIRECTION MECHANISM, it is possible to receive all TV (Digital and Analog) signals which are transmitted on both HORIZONTAL and VERTICAL polarity with top performance (Digital broadcasting caused the VERTICAL polarity signals to increase in some countries such as Italy and UK). The set includes a low-noise amplifier with adjustable gain which operates at 12/230 Volt.



Wedge shaped spacer for perfect adjustment to any roof shape

Simple, safe locking system

Zamak mechanism for HORIZONTAL and VERTICAL polarity adjustment from inside the vehicle

HDTV

Teleplus X2 /39U

- **DOUBLE POLE**
- **High gain 38 dB (with amplifier)**

Gain with amplifier: 38 dB channels 21-69 (UHF)
 Power supply: 12 Vdc-230 Vac
 39 cm mast for installation inside a suspended wall unit



Teleplus X2 /165VU Teleplus X2 /110VU

- **DOUBLE POLE**
- **High gain 38 dB (with amplifier)**

Gain with amplifier:
 38 dB channels 21-69 (UHF)
 22 dB channels E5-E12 (VHF BIII)
 20 dB channels E2-E4 (VHF BI)

Power supply: 12 Vdc-230 Vac
Teleplus X2/165 VU: Mast 165 cm
Teleplus X2/110 VU: Mast 110 cm



TELEPLUS3G

Directive 38 dB for Digital and Analogue Signals



HDTV
TNT
DVB-T



Horizontal reception diagram



- High Gain for reception of even the weakest signals
- Exceptionally good directional adjustment to suppress noise
- Zamak mast connector
- Gain with adjustable Amplifier
 UHF 38 dB
 VHF-B3 22 dB
 VHF-B1 20 dB
- Power input 12/24 Volt or 230 Volt
- Recommended use with telescopic mast SF165 (Optional)

Kit content

- 1 UHF - VHF (B3) dish
- 1 Adjustable gain amplifier with 2 TV outputs
- 1 Ø 30 mast connector with 5 m cable



Directional Digital - Analog Antenna 36 dB



A new quality level

Advanced technology combined with new automatic assembly techniques have enabled us to produce a new electronic antenna we have named TELEPLUS, because it is "PLUS" in every respect. A high gain, hence more possibility of receiving even the weakest signals. A high directivity to suppress noises generated by signals reflected from natural obstacles such as trees, houses, mountains etc, lastly, but not leastly, an incomparable quality-to-price ratio.



TECHNICAL DATA

Channels: 2 - 4 5 - 12 21 - 69
 Gain with Amplifier: 20 dB 22 dB 36 dB
 Power supply: 12 / 24 Volt 220 Volt
 Length: 50,5 cm
 Width: 40 - 70 cm
 Weight: 1,8 Kg.

PACKAGE CONTENTS

- 1 Antenna with bracket for mounting to mast (25 - 50 mm dia) .
- 1 Amplifier with 2 TV outlets, and adjustable gain
- 5 m Coaxial cable 75 Ohm with connector

Horizontal reception diagram



SF 165 - SF 50
TELESCOPIC MAST FOR CAMPERS AND CARAVANS

It allows you to easily beam your antenna without getting out of your vehicle. Tightness ensured by double O ring system. Anodized corrosion-proof aluminum. Full outfit of all fittings for a very easy installation.

TECHNICAL SPECIFICATIONS

- SF 50: Length: 50 cm
- SF 165: Length: 165 cm
- Diameter: 30 to 34 mm (with adapter built-in)
- SF 165: Weight: 1,1 Kg
- SF 50: Weight: 0,5 Kg

Omni-directional High Speed TV Antennas



WING
WING11
WING22

The Wing, Wing 11 and Wing 22 antenna series has been designed to receive Terrestrial Digital signals in the future, too. Special care has been devoted to designing a highly aerodynamic shape: these antennas can be installed on the fastest campers. Each antenna has a special, ergonomic foot to allow the antenna to be positioned in any direction and facilitate installation on even the most streamlined roofs of the latest-generations campers and caravans.



WING Digital terrestrial ready

360° Omni-directional TV Antenna 26 dB UHF - 9 dB VHF- B3

MINI-antenna (diameter: 31 cm only) specially designed to receive UHF channels. However, a special circuit configuration and a high-gain amplifier make it possible to receive VHF B3 programs, too.

Gain with ampl.:	CH 2-4	0 dB
	CH 5-12	9 dB
	CH 21-69	26 dB
Power supply:	12/24 Volt – 230 Volt	
Diameter:	31 cm	
Height:	16,5 cm	
Weight:	1Kg	

PACKAGE CONTENTS

- 1 Antenna, complete with 5 m coax cable and 3 F connectors
- 1 Adjustable gain amplifier, with 2 outlets for 2 TV sets, powered off 12, 24 and 230 Volts



12
VOLT
230

Horizontal reception diagram



WING11 Digital terrestrial ready

360° Omni-directional TV Antenna 26 dB UHF - 16 dB VHF- B3

A combination of electronic amplifier high sensitivity and special antenna design enable you to receive TV programs at the lowest frequencies, too, while maintaining outside dimensions within 38 cm.

Gain with ampl.:	CH 2-4	3 dB
	CH 5-12	16 dB
	CH 21-69	26 dB
Power supply:	12/24 Volt – 230 Volt	
Diameter:	38 cm	
Height:	16,5 cm	
Weight:	1,2 Kg	

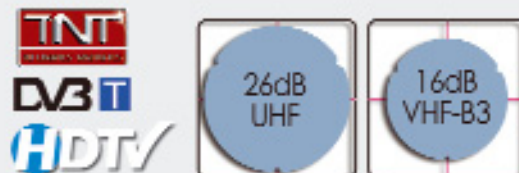
PACKAGE CONTENTS

- 1 Antenna, complete with 5 m coax cable and 3 F connectors
- 1 Adjustable gain amplifier, with 2 outlets for 2 TV sets, powered off 12, 24 and 230 Volts



12
VOLT
230

Horizontal reception diagram



WING22 Digital terrestrial ready

360° Omni-directional TV Antenna 26 dB UHF - 22 dB VHF- B3

This DUAL POWER antenna is the result of the combination of two antennas: excellent performance is guaranteed also for the lowest-frequency programs (VHF - B3). Extremely weak signals can be received thanks to a low-noise amplifier.

Gain with ampl.:	CH 2-4	8 dB
	CH 5-12	22 dB
	CH 21-69	28 dB
Power supply:	12/24 Volt – 230 Volt	
Diameter:	38 cm	
Height:	16,5 cm	
Weight:	1,4 Kg	

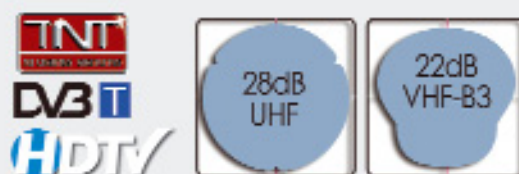
PACKAGE CONTENTS

- 1 Antenna, complete with 5 m coax cable and 3 F connectors
- 1 Adjustable gain amplifier, with 2 outlets for 2 TV sets, powered off 12, 24 and 230 Volts



12
VOLT
230

Horizontal reception diagram



WEEKEND

Small but powerful.

The small overall dimensions (only 28 cm diameter, 12 cm height) combined with a very quick fitting system, allow you to fit it in an instant. The powerful amplifier with a very low noise level will allow you to receive even the weakest signals. Once installed, you do not have to adjust it any more as it receives the signals from every direction.



D3T



Horizontal reception diagram

TECHNICAL DATA

Channels: 2 - 4 5 - 12 21 - 69
Gain with Ampl.: 0 dB 9 dB 26 dB
Power supply: 12 / 24 Volt 220 Volt
Diameter: 28 cm..
Height: 12 cm.
Weight: 0,7 Kg.

PACKAGE CONTENTS

- 1 Antenna with universal bracket for roof or mast (32 - 34 dia) mounting.
- 1 Amplifier with 2 TV outlets, and adjustable gain
- 5 m Coaxial cable 75 Ohm
- 3 Coaxial connectors

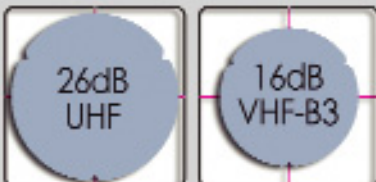
YACHTING11

High sensitivity

Omni-directional antenna for TV signals with highly sensitive amplifier. A special Streep-line electronic circuit has been designed and implemented to receive TV signals at the lowest frequencies too.



D3T



Horizontal reception diagram

TECHNICAL DATA

Channels: 2 - 4 5 - 12 21 - 69
Gain with Ampl.: 3 dB 16 dB 26 dB
Power supply: 12 / 24 Volt 220 Volt
Diameter: 38 cm..
Height: 14,5 cm.
Weight: 1,0 Kg.

PACKAGE CONTENTS

- 1 Antenna with universal bracket for roof or mast (32 - 34 dia) mounting.
- 1 Amplifier with 2 TV outlets, and adjustable gain
- 5 m Coaxial cable 75 Ohm
- 3 Coaxial connectors

WALKIE22

Double Power

Not the simple antenna you think, but a "Double Power" antenna. Use of the latest technology has enabled us to combine two antennas into one unit, with fantastic results. The power combination allows you to receive all your preferred channels in the best way, whichever frequency and intensity they have. In addition Walkie HG is omni-directional, hence no need to direct to the signal.



D3T



Horizontal reception diagram

HDTV

TECHNICAL DATA

Channels: 2 - 4 5 - 12 21 - 69
Gain with Ampl.: 5 dB 22 dB 26 dB
Power supply: 12 / 24 Volt 220 Volt
Diameter: 38 - 88 cm..
Height: 14,5 cm.
Weight 1,2 Kg.a

PACKAGE CONTENTS

- 1 Antenna with universal bracket for roof or mast (32 - 34 dia) mounting.
- 1 Amplifier with 2 TV outlets, and adjustable gain
- 5 m Coaxial cable 75 Ohm
- 3 Coaxial connectors

LTV 1511

LCD 15,4" 16:10 TV - DVD -
DVB-T Receiver with Common Interface -
USB port - Memory Card slot - HDMI connector -
Piano Black (Ivory)

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE
High Brightness
Common Interface



- Power input: 12 Vdc and 230 Vac 40 W consumption
- DVD player for: DVD – DVIX – CD – MP3 – SVCD
WMA – JPEG – MPEG4
- USB port for: USB 2.0
- Memory Card slot: SD, MMC, MS
- DVB-T Free to Air Terrestrial Digital Receiver,
Common Interface 200 Channels
- PAL BG, DK, I and SECAM L Multistandard Tuner
- Multilingual OSD
- Automatic and Manual Channel Search
- Teletext
- 2x3 W Stereo Audio
- Resolution: 1280x900 pixel
- Brightness: 250 cd/m²
- Contrast: 500:1
- Response Time: 16 ms
- H/V Viewing Angle: 140/120

CONNECTIONS:

- 1 Scart Connector
- 1 S-Video Connector
- 1 Cinch Video In Connector
- 2 Cinch Audio (R/L) In Connectors
- 1 Vga Computer Connector
- 1 Cinch Audio Pc C

DIMENSIONS:

- 4 Holes for Wall Mounting with centre
distance 75x75mm
- TV without stand (LxDxH) 392x78x284 mm
- TV with stand (LxDxH) 392x200x370 mm
- Weight: 2,55 Kg.



Electra
ELECTRIC BIKE

The electrical bicycle
with assisted effort!

A new way of riding a bicycle

- easier • more enjoyable • no effort • no pollution

It is very easy: every pedal stroke is assisted by an electrical motor which allows you to halve your effort. No pollution and no legal requirement for a crash helmet. Uphill and against a headwind will no longer be a problem. What is ELECTRA's secret? The new PAS (Power Assist System) electrical motor, designed and made by YAMAHA using top mechanical and electronic technology. ELECTRA is fitted with a rechargeable, high-capacity battery, with a maximum range of 60 km. It can easily be taken out for recharging using the special battery charger. You can always see the charge condition of your battery on a special power indicator on the bicycle.



YAMAHA
PAS Power Assist
System by



Group
TELECO



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