



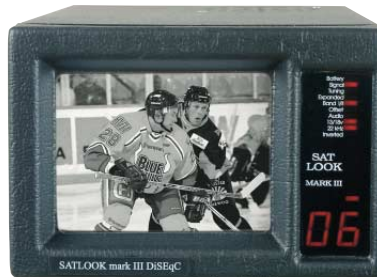
INSTRUMENTS & ACCESSORIES

- ▶ SATLOOK Mark III DiSEqC
- ▶ TVLOOK
- ▶ Digisat Pro
- ▶ Digisat +
- ▶ Digisat
- ▶ DiSEqC-Tester
- ▶ DiSEqC-Checker
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- ▶ Spectralook
- ▶ 2-way DiSEqC-switch
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- ▶ Multimedia Outlet MMCTV
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- ▶ Weather-cap
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SATLOOK Mark III DiSEqC

- ▶ Input frequency 920–2150MHz
- ▶ 4.5" B/W-monitor with full picture.
- ▶ Audio bandwidth 5,5–8,5MHz
- ▶ Full spectrum, normal or expanded mode
- ▶ LNB voltage 13/18V and 22KHz tone switch
- ▶ Standard DiSEqC according to level 1.0
- ▶ Levelcheck on single channel with LED-bar display
- ▶ Optional with pos/neg-video
- ▶ Only 3,5kg complete with carrying-case
- ▶ Order No: **101009**



TVLOOK

- ▶ 5–900MHz input frequency
- ▶ 4,5" B/W monitor and 64x128 LCD screen
- ▶ High resolution, +1dB at 20°C
- ▶ Excellent tool for working with the return path 5–65MHz
- ▶ Full range spectrum + expanded (zoom)
- ▶ New processor technology, very easy to handle
- ▶ Multistandard Audio and video (PAL, NTSC and SECAM)
- ▶ Favourite channels and spectrum bandwidth setup
- ▶ 100 memory positions
- ▶ Text-TV, Sync and ITS signals readout
- ▶ Windows 95/98 software for documentation and printouts.
- ▶ Order No: **601001**



Digisat Pro

- ▶ 950–2150 MHz input frequency
- ▶ Measure on 2 LNB's at the same time
- ▶ DiSEqC, 22 KHz, 13/18V and mA identification and presentation on LCD
- ▶ Can transmit 22KHz and DiSEqC to the LNB
- ▶ Can be setup as a 2-way switch (13/18V, 22KHz and DiSEqC)
- ▶ Can run a DiSEqC actuator (East/West) with DiSEqC 1.2
- ▶ Built in beeper, higher tone better signal
- ▶ Very sensitive, easy to maximize weak and strong signals
- ▶ Powersupply through receiver or external DC.power 12–20volt
- ▶ Short circuit protection with automatic fuse
- ▶ F-connectors, CE-approved
- ▶ Order No: **101010**



Digisat +

- ▶ 950–2150MHz input frequency
- ▶ Very sensitive, easy to maximize weak and strong signals
- ▶ Built in beeper, higher tone better signal
- ▶ Built in volt/mA-meter, 10–20 volt, 0–500 mA
- ▶ DiSEqC and 22KHz identification and presentation on LED
- ▶ Powersupply through receiver or external DC.power 12–20volt
- ▶ Short circuit protection with automatic fuse
- ▶ F-connectors, CE-approved
- ▶ Order No: **101007**



Digisat

- ▶ 950–2150 MHz input frequency
- ▶ Very sensitive, easy to maximize weak and strong signals
- ▶ Offset adjustment (attenuation)
- ▶ Built in volt /mA-meter, 10–20volt, 0–500mA
- ▶ 22KHz indication and presentation on LED
- ▶ Powersupply through receiver or external DC. power 12–20volt
- ▶ Short circuit protection with automatic fuse
- ▶ F-connectors, CE-approved
- ▶ Order No: **101002**



DiSEqC-Tester

- ▶ Instrument for checking all DiSEqC ver. 1.0 and LNBs
- ▶ Easy to use with all combination codes printed on the backside
- ▶ Three different amplitude outputs (min, norm, max)
- ▶ Powersupply through receiver or external DC.power 12–20volt
- ▶ Short circuit protection with automatic fuse
- ▶ F-connectors
- ▶ CE-approved
- ▶ Order No: **101003**



DiSEqC-Checker

- ▶ Connect via any of the two f-connectors (loop-through).
- ▶ The unit will show the different signals in the coax on the LED.
- ▶ CE-approved
- ▶ Order No: **101006**



Satbeeper

- ▶ Very small and handy satfinder
- ▶ Extremely easy to use, no buttons or knobs
- ▶ Low price! everyone can afford!
- ▶ Order No: **101005**



Universal Bracket

- ▶ Works together with all existing Satellite dish
- ▶ Easily mounted on the LNB feedhorn.
- ▶ Fits on new as well as old LNB's feedhorn (23mm and 40mm)
- ▶ Order no: **501010**



SatTracker

The DiSEqC-positioner

- ▶ SatTracker-DiSEqC-positioner the easy way to motorise a fixed dish.
- ▶ Very easy to install. " A one cable solution" as all signals (both for the actuator and LNB) runs over the coax-cable. No extra wiring !
- ▶ 60 memory positions.
- ▶ SatTracker can be controlled by any DiSEqC- receiver as it uses DiSEqC 1.0, 1.1 and 1.2 (no extra remote needed).
- ▶ Order No: **401001**



Spectralook

- ▶ For finding and maximizing TV-satellites
- ▶ Works with all C/Ku-band system
- ▶ Easy connection to any PAL/NTSC/SECAM-monitor
- ▶ Presents the frequency-spectrum of 950–2050MHz
- ▶ Order No: **101004**



4-way DiSEqC-switch

- ▶ Works together with all existing and future DiSEqC receivers.
- ▶ Short circuit protection with automatic fuse.
- ▶ The 4-way DiSEqC switches can be ordered in three different versions.



Technical specification:

	Standard	High Isolation	Universal
Frequency range	900–2150MHz	900–2200MHz	900–2150MHz
Insertation loss	Typ 1.5dB, max 3.0dB	Typ 1.5dB, max 3.0dB	Typ 1.5dB, max 3.0dB
Isolation	>12dB	>25db	>10 dB
Switch control	DiSEqC ver 1.0 Toneburst (mini DiSEqC)	DiSEqC ver 1.0 Toneburst (mini DiSEqC)	DiSEqC ver 2.0 Toneburst (mini DiSEqC) 22KHz
Current	25mA max	25mA max	25mA max
DC-loss	0.3v max	0.3v max	0.3v max
Default mode	Output 1	Output 1	Output 1
Amplitude	0.6Vpp ±0.2Vpp	0.6Vpp ±0.2Vpp	0.6Vpp ±0.2Vpp
Order No:	201020	201012	201002

2-way DiSEqC-switch

- ▶ Works together with all existing and future DiSEqC receivers.
- ▶ Short circuit protection with automatic fuse.
- ▶ The 2-way DiSEqC switches can be ordered in three different versions.



Technical specification:

	Standard	High Isolation&Wideband	Universal
Frequency range	900–2150MHz	47–2150MHz	900–2150MHz
Insertation loss	Typ 1.5dB, max 3.0dB	Typ 1.5dB, max 3.0dB	Typ 1.5dB, max 3.0dB
Isolation	>12dB	>40db	>10dB
Switch control	DiSEqC ver 1.0 Toneburst (mini DiSEqC)	DiSEqC ver 1.0 Toneburst (mini DiSEqC)	DiSEqC ver 2.0 Toneburst (mini DiSEqC) 22KHz and 13/18v
Current	25mA max	25mA max	25mA max
DC-loss	0.3v max	0.3v max	0.3v max
Default mode	Output 1	Output 1	Output 1
Amplitude	0.6Vpp ±0.2Vpp	0.6Vpp ±0.2Vpp	0.6Vpp ±0.2Vpp
Order No:	201010	201024	201001

The DiSEqC 2-way switches can also be ordered in 22KHz or 13/18v version

DiSEqC-inserter

- ▶ Works together with existing and future Satellite-receivers without DiSEqC.
- ▶ Generate DiSEqC-commands with 0/5v- or 0/12v- or magnetical polarizer output.
- ▶ MiniDiSEqC-command (toneburst) can also be generated.
- ▶ The inserter works with DiSEqC commands ver 1.0, 1.1 and 2.0.
- ▶ Two LED's indicate the present status of the inserter.
- ▶ Digital compatible and CE-approved.
- ▶ Order No: **201004**



Technical specification:

Frequency range:	TV: 5–860MHz Sat-TV: 920–2150MHz
Insertion loss:	TV: <1dB Sat-TV: <2dB
Isolation (both TV and Sat-TV)	>40 dB
DC-pass:	Yes, on the Sat-TV input
22KHz and DiSEqC loop-through:	Yes, on the Sat-TV input
DC-loss:	500mV/max.

Smart Priority Switch

- ▶ Connect two receivers (analog + digital) to one satellite-dish.
- ▶ The A-input is priority (master) and controls the LNB and switches.
- ▶ B-input goes from slave to master if the receiver on the A-input is turned off.
- ▶ Digital compatible and CE-approved.
- ▶ Order No: **201021**



Technical specification:

Frequency range:	920–2150MHz
Insertion loss:	4dB max.
Isolation between A and B ports:	>20dB
Control:	Unit A is master when turned on. Unit B is slave.
DC-loss:	500mV/max.

Multimedia Outlet MMCTV

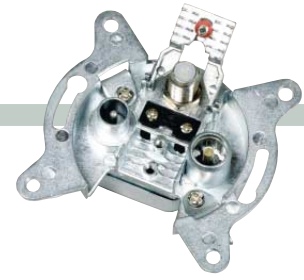
Standard:	According to the EN50083-4 specification.
Frequency-range:	
In, Out, Data	5-862MHz
TV-Out	47-68MHz and 125-862MHz
Radio-Out	87-110MHz
Return-path:	5-65MHz

Isolation:

TV-Out	>26dB over frequency range 5-862MHz
Radio-Out	>30dB 5-600MHz, >20 dB 600-862MHz
Data-Out	>20dB over frequency range 5-862MHz
Between TV and Radio	>10dB
Between TV or Radio and Data,	5-65MHz >40dB
	85-862MHz >20dB

Coupling/through loss:

MMCTV 8	Order no:302003	8dB ±2dB, <5dB
MMCTV10	Order No:302004	10dB ±1,5dB <5dB
MMCTV13	Order No:302005	13dB ±1dB <2dB
MMCTV15	Order No:302006	15dB ±0,5dB <2dB
MMCTV17	Order No:302007	17dB ±0,5dB <2dB
Mechanical size	According to EN50083	
Ports:	TV and Radio IEC-con, Data F-con.	
Impedance:	75Ω	
Short-circuit protection:	All ports can survive 1000V DC, AC, 0-100Hz for one minute	



SATTV Outlet

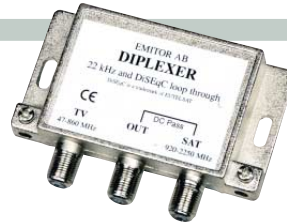
Standard:	According to the EN50083-4 specification
Frequency-range:	
In, Out,	47-2150MHz
TV-Out	47-68MHz and 125-862MHz
Radio-Out	87-110MHz
Sat Out:	950-2150MHz

Isolation:

Between TV and SAT	>40dB over frequency range 47-2150MHz
insertion loss TV (47-862MHz)	<1dB
Insertion loss SAT (950-2150MHz)	<2dB
Through loss TV (47-862MHz)	<5dB
Through loss SAT (950-2150MHz)	<3dB
DC-pass	Yes, on the SAT output
22KHz and DiSEqC loop-through	Yes, on the SAT output
Ports:	TV and Radio IEC-con, Sat F-con.
Impedance:	75Ω
Order no:	302010

Diplexer

- ▶ Sat/TV combiner that mixes the VHF-UHF with SAT-TV.
- ▶ Low insertion loss and very high isolation (>40dB).
- ▶ Especially made for letting through 22KHz and DiSEqC-signals.
- ▶ DC is power-passed on the Sat-TV side.
- ▶ Delivered in a high quality die cast metal case for outdoor use.
- ▶ Digital compatible and CE-approved.
- ▶ Order No: **201014**



Weather-cap

- ▶ Protects the switch from rain and moisture.
- ▶ Easily mounted on the back of the dish with enclosed cable-tie.
- ▶ The switch is easily installed to (or removed) from the cap.



Zincmetal die-cast

- ▶ The standard switches can also be ordered in sealed zincmetal die cast box.
- ▶ The box has a very good technical performance.



DISTRIBUTOR:

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