



Nokia Mediamaster **9650 S**

## Digital twin access satellite receiver – opens up a new world of television

The Nokia Mediamaster 9650 S twin access is an easy-to-use, digital satellite receiver (DVB). You can either choose to watch only Free-to-Air (open) channels or encoded TV channels. Thanks to its twin access technology, which means that the receiver has two common interface ports, the Nokia Mediamaster 9650 S gives wide range of exciting digital TV and radio programmes to enjoy. The Nokia Mediamaster 9650 S also comes with an easy-to-use programme guide (EPG) and a unique Nokia remote control.

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- Fully DVB compliant
- Lots of free channels
- The possibility to subscribe to and watch encoded channels
- EPG with scalable TV-picture
- One game is included
- Easy-to-follow menus
- Plug-and-Play installation with automatic channel set-up
- Up to eight personal "favourites" lists
- On-screen menus
- Ergonomic remote control
- Twin access: 2×common interface smartcard slots
- Different language options
- Flexible reception: SCPC/MCPC and KU/C band



## Technical specifications:

### System performance

Fully DVB compliant

### Demodulator

Modulation QPSK  
Symbol Rate 2-45 Ms/s  
SCPC and MCPC support

### Video decoder

MPEG-2 Main Profile @ Main Level  
Data speed up to 15 Mbits/s  
Video format 4:3, 16:9, Letterbox and Pan&Scan

### Audio decoder

MPEG-2 layer I and II  
Mono, Dual channel, Stereo, Joint Stereo

### LNB/tuner input and output

Connector 2×F-type (Loop Through)  
Input frequency 950...2150 MHz  
LNB supply 13/18 V, max 500 mA  
Band switch control 22 kHz  
DiSEqC 1.0

### RF-modulator

Channel 21-69  
Output signal PAL B/G, PAL I  
Connectors IEC 169-2 female/male

### TV SCART

RGB, CVBS, Audio

### VCR/AUX SCART

CVBS, Audio

### Hi-fi Quality Audio output

Connectors 2×RCA/Cinch (L/R)

### Video output

Connector 1×RCA/Cinch

### Serial data interface

Connector 9-pin D-sub  
Signals RS232, max 115.2 kB

### Remote control

Type RCMM  
Operating range up to 7 meters  
Batteries 2×1,5V (AAA type)

### Connection for ext. modem

Connector 9-pin D-sub  
Signals max 115.2 kB

### Conditional Access

2×Common Interface slots  
DVB Common Interface Standard  
CAM'S supported: Irdeto, Viaccess, Nagravision, Conax and Cryptoworks etc.

### Summary of connectors

1×LNB in (F-type)  
1×LNB out (F-type)  
2×Scart (TV, AUX)  
2×Audio L/R (RCA/Cinch)  
1×RS232 (9-pin D-sub)  
1×ext. modem (9-pin D-sub)  
RF modulator (IEC male/female)

### General data

Colour Silver/black  
Operating temp +10 °C to +45 °C  
Storage temp -40 °C to +70 °C  
Supply voltage 96-264 V, 48-60 Hz  
Power consumption max. 28 W (stand-by 9 W)  
Weight 2 kg  
Dimensions (w×d×h) 380×240×62 mm