

NEOTIONbox ▶ 501

VERY SLIM DESIGN

THE VERY FIRST SCALABLE FTA

Ready for NEOTION Cartridges
Quick Installation & Intuitive use
DiseqC 1.2
16 lists of favourites (8 TV and 8 Radio)
4000 channels
15 OSD languages - EPG



PLUG A CARTRIDGE INTO YOUR NEOTION BOX

and get benefit of the NEOTION features* :

CAS : NEOTION Crypt, NEOTION SHL, NEOTION SHL Easy
Full-X access until 2010
Infocast Services : Receive mails, photos, updates & media contents
NEOTION Video Link Instant Record Edition : Digital record on PC
Future advanced MPEG4 AVC compression with future MPEG-4 Cartridge



NEOTION
CARTRIDGE

Really easy to plug :
At the factory premises
By the master distributor
By the retailer



Documentation and pictures non contractual

* NEOTION features depending on the chosen cartridge

The most advanced Digital Satellite Receiver



THE NEOTION BOX IS THE MOST SCALABLE FTA

YOU CAN ADD ANY NEOTION CARTRIDGE INSIDE AND GET BENEFIT OF ADDITIONAL FUNCTIONALITIES.

- CR-SC :** The NEOTION Cartridge with a Smart Card reader
- ▶ A Smart Card reader
 - ▶ NEOTION Conditional Access : NEOTION Crypt, SHL, SHL Easy
 - ▶ Access to Full-X channels until 2010
 - ▶ NEOTION Video link (Instant Record) to support live record directly on your PC
 - ▶ InfoCast Services : Mail, update, media contents

- CR-CI-SC :** The NEOTION Cartridge with one CI slot and a Smart Card reader
- ▶ One Common Interface slot
 - ▶ A Smart Card reader
 - ▶ NEOTION Conditional Access : NEOTION Crypt, SHL, SHL Easy
 - ▶ Access to Full-X channels until 2010
 - ▶ NEOTION Video link (Instant Record) to support live record directly on your PC
 - ▶ Infocast Services : Mail, update, media contents

- CR-CI :** The NEOTION Cartridge with one CI slot
- ▶ One Common Interface slot

NEOTION Box 501 NEOTION Cartridges	NEOTION Video Link	Smart Card reader	CI slot	Access to Full X	Embedded NEOTION CAs (NEOTION Crypt, SHL, SHL Easy)	Infocast Services
CR-SC (smart card)	YES	YES	NO	YES	YES	YES
CR-CI-SC (CI + Smart Card)	YES	YES	YES	YES	YES	YES
CR-CI	NO	NO	YES	NO	NO	NO

▶ Soon available : MPEG4 cartridge, compliant with the NEOTION Box 501.



Receive mails on your TV
with Infocast Mail



Get the latest updates
by satellite with Infocast Update



Receive media contents
with Infocast Media



Digital record with
NEOTION Video Link
Instant Record Edition

TECHNICAL SPECIFICATIONS

TUNER

Frequency Range: 950 to 2150 MHz
Signal Input Level: -65 to -25 dBm
LNB Supply: 13.0/18.0V – 400 mA
22 KHz Tone: Frequency 22+/- 4 KHz
DiSeqC: Version 1.2 compatible
Connector: 2 x type F (input and loop-through)

QPSK DEMODULATION

Type: MCPC – SCPC
Input Symbol Rate: 2-45 MSPS
Number of Programs: 4000 TV & Radios
Lists of favourites: 6 lists for TV & 6 for Radios

VIDEO DECODING

Profile Level: MPEG-2 MP@ML
Input rate: Max. 60 Mbps
Aspect ratio: 4/3 & 16/9 with Pan vector
Video Resolution: 720x576 (PAL); 720x480 (NTSC)

AUDIO DECODING

MPEG-2 - Musicam (layer I & II)
Audio Mode: Stereo channel, dual mono, joint stereo

MEMORY

SDRAM: 8 Mbyte - **Flash:** 2 Mbyte

15 OSD languages
OSD Teletext (DVB compliant) and subtitle function support
Automatic network search for newly added transponders

INPUT / OUTPUT

Video output: 1 RCA, 2 Scart (TV/VCR) 1 RF Modulator
Audio output: 2 RCA (right & left), 1 Digital Output (1 RCA)
Data RS232C Interface: RS232C, baud rate 9600~115200.
USB Interface: input / output (Activated with Cartridge SC & Cartridge SC-CI)
NEOTION Cartridge Interface

POWER SUPPLY

Main Input Voltage: 90 – 250V AC @ 50Hz / 60Hz
Type: SMPS **Nominal Consumption:** 25W

RECORDING FORMATS ON PC HARD DISK

MPEG2, VCD, WAV (Software, USB and Video cables not included)
 Software available on www.neotionbox.com

