

# COMBO-9000

Digital Terrestrial & Satellite MHP embedded Set-Top Box



## Feature & Function

**DVB**

MPEG 2 DIGITAL

COMMON INTERFACE

**mhp**

**irdeto**

**NAGRAVISION**

**CONAX**

- MPEG-2 Digital & Fully DVB-T & DVB-S Compliant
- Supports MHP 1.0.3 Interactive Broadcasting Profile (MHP version to be upgraded)
- Several CA support as embedded (Nagravision™, Irdeto™ (TBD), Conax™ (TBD))
- Supports Italian DGTVi specification
- Max. 4,999 channels receivable
- Memory RAM is 64MB
- 1 Common Interface & 1 Smart Card
- Quick Setup (Plug-n-Play Installation)
- V.90 Modem
- Software Upgrade via OTA & serial connection(RS-232)
- Supports MyEPG & user friendly information plate
- 8 OSD Languages including Italian, English, German, etc.
- Extended information shows the full program information
- Speedy channel change
- Full seven day look ahead capability
- Detailed program synopsis
- Reminders & favorite channel feature
- Easily finding your program by name or genre.
- 7 segments & 3 LED display
- Optional black & white front panel

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## Specification

### Software Specification

Basic System	MPEG-2 Digital and Fully DVB-S/DVB-T compliant
Maximum channels	Terrestrial : 999 / Saellite : 5,000
Channel Type	TV, Radio, Favorite, Satellite, Terrestrial, CAS
EPG	MyEPG & 7 days schedule data
OSD Language	8 languages (Italian, English, German, Greek, French, Spanish, Hungarian, Finnish)
CAS	1 CI, 1 Nagravision SC
Middleware	Humax Own Middleware / MHP engine (Alticast)
Other Features	Italian Pay-TV system support / ITALY DGTVi

### System Resource

Flash Memory	8MB
DRAM (SDRAM, DDR, RDRAM)	64MB (SDRAM)
EEPROM	8KB

### Front-end

Demodulation	QPSK (DVB-S), OFDM (DVB-T)
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### Audio/Video Processing

Video Decoder	MPEG-2 MP@ML, PAL
Audio Decoder	MPEG-2 Audio

### Front and Rear

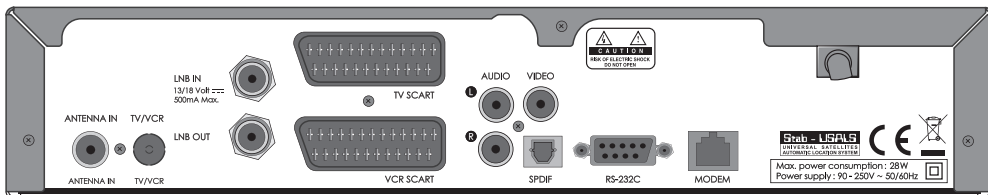
Front Display	4-digit 7-segment, 3LED
Front button	Standby, CH+, CH-, TV/Radio
Front LED	Standby On/Off, TV, Radio
Front CI Slot	1
Front Smart Card Slot	1
Rear SCART	2
Rear RCA	1 set [1 Video, 2 Audio]
Rear S/PDIF	1
Rear Modem (Protocol)	1 (V.90)
Rear RS-232C (type)	1 (9pin)
Rear Power Code	Fixed cord type (SMPS type)
Antenna In-Out	Yes
LNB In-Out	Yes

### Power

Max. power consumption	28W
Power Supply	Input: 90-250V~ 50/60Hz

### Others

Accessories	Manual, RCU, 2 batteries, Scart cable
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※ Specifications and functions may be changed for improvement without notice in advance.

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EASY DIGITAL