

Digital Satellite CI-RECEIVER Prepared for "PREMIERE"



## "Free-To-Air" Digital TV

- Digital reception of scrambled (Pay-TV) and non-scrambled free-to-air (FTA) channels.
- Plug and Play of pre-programmed Astra / Hotbird / Turksat TV and Radio channels.
- 2000 storage positions for TV channels and for 2000 Radio channels
- 10 customer definable favourite lists of 1000 channels each
- Electronic Program Guide (EPG) for current, next and day's in advance programmes by channel, if offered
- VCR and DVDR Standard, Sat-Record and Record-Link recording modes
- 2 X Common-Interface (CI) for Pay-TV
- PAL CVBS and RGB outputs / throughputs (TV/ VCR SCART) and Dolby Digital Cinch (coaxial) connector



# PHILIPS

Digital Satellite CI-RECEIVER Prepared for "PREMIERE"

DSR 2015

### Technical specifications

#### Channels

- Radio and TV channels of Astra and Hotbird
- 2000 TV and 2000 radio channels
- 8 satellites (individually activatable).
- One Premiere defined plus 9 individually definable favourite lists each containing 1000 channel positions (e.g. for categories SPORT, NEWS, MUSIC etc.)
- 24 characters for channel / station names
- Channel selection using 1, 2 or 3-digit input
- Channel selection using UP/DOWN keys
- Channel changing for 2 channels using one key (Last Channel)
- Fast selection of last 4 viewed channels - zipper function
- Selection of channels from channel list
- Channel pool arranged in alphabetical order and in accordance with satellite, free, new free, encrypted and new encrypted channels.
- Copying, sorting, deleting of channels, all in a single clear menu.

#### Search Mode

- Automatic satellite search mode (SCPC compatible) for TV and radio channels including selection of satellite, high/low band, fixed and freely definable symbol rates, for free (and encrypted) channels
- Automatic transponder search mode - detects TV/radio channels on a transponder
- For advanced users - manual input of all reception parameters
- Changing channel names

#### OSD (On-Screen Display)

- Clear menu structure with variable and fixed transparency.
- Integrated operating instructions and functional description of remote control.
- Menu languages - German, English, French, Italian, Spanish, Dutch, Polish and Turkish.
- Program OSD (displayed when chosen) includes:
  - Date / time / now and next program names / number / timing / date / sat / coded or not / languages / AC3 from SI
- Simple transfer of data - channel, start time, end time, date - to timer.

#### EPG (Electronic Programme Guide)

- Fast programme information concerning current and next programmes.
- Preview containing additional information several days in advance (depending on channel).
- Simple transfer of data - channel, start time, end time, date - to timer.

#### Video/Audio

- TV socket RGB, YC (S Video / SVHS), CVBS.
- VCR socket YC and CVBS.
- Automatic VCR to TV switching.
- Automatic TV to VCR switching in standby mode (selectable).
- Separate cinch sockets for analog L/R audio channels and one for (coaxial) digital audio.
- Volume adjustable in 20 stages, mute function.
- Digital Dolby Audio (AC3) or Stereo Analog Audio selection with language selection for multilingual TV broadcasts or selection of additional channels in radio mode.
- Stereo 24 Bit 96 kHz - Audio "Sigma-Delta" DAC.

#### Conditional Access

- Two DVB-CI slots for last versions of CA Modules for Viaccess, Conax, Crypto, Betacrypt (Premiere) and Nagra (Premiere)

#### Additional information

- +/- Volume +/- Standby and Radio/TV switching.
- 4-digit LED indicator (green).
- Timer for 8 events (TV or radio).
- Optimum alignment of parabolic antenna depending on field strength and reception conditions.
- Tele-text reinsertion (for TV display).

#### RF range

- Sat-IF frequency range 950 - 2150 MHz
- Input level ranges 43 - 83 dBuV
- Reception threshold (EB/NO) < 4.5 dB

#### TV system digital

- Modulation, FEC, demultiplexer DVB-S standard
- Video resolution CCIR 601 (720 x 576)
- Input data rate 2 - 45 Mbytes/s
- Bit rate 1.5 - 15 Mbits/s
- Video voltage/impedance 1 V/75 Ohm
- S/N > 53 dB
- Audio decoding MPEG-1/2, layers I+2
- Bit rate 321/44.1/48 kHz
- Audio frequency range 0.04 - 20 kHz

#### CPU/Memory

- 32 bit RISC CPU 60 MHz clock rate (internal)
- FLASH 2 MByte
- DRAM 2 MByte
- SDRAM 8 MByte

#### Power supply

- Supply voltage 230 V (+10/-15%) / 50 Hz
- Power consumption (LNB=400mA / 18V) 22 W max (19 W typ.)
- Power consumption without LNB 12 W max (10 W typ.)
- Power consumption in standby 2 W max (< 2 W typ.)

#### Connection

- Sat-IF input/output F socket
- TV / VCR SCART sockets
- Audio analog / digital: 2 / 1 cinch sockets

#### Software update

- via data interface (RS 232 Sub D, 9 channel (0=modem operation)) separately for:
  - a) operating programme
  - b) TV channel lists
  - c) radio channel lists
  - d) unit adjustment
- via satellite separately for:
  - a) operating programme,
  - b) TV and radio channel lists.

#### General information

- Unit dimensions (W x H x D in mm) 334 x 70 x 275
- Ambient temperature +5°C to +45°C
- Weight 2 kg

#### Delivered items

- User Manual (D, GB)
- Warranty booklet
- Remote Control RC-1000
- 2 batteries AAA
- SCART cable
- Mains cable

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