



# ADB-5720SX

Multi-awarded, tri-hybrid Digital Video Recorder



## HIGHLIGHTS

Seamless access to satellite, IP and terrestrial services

Fast, easy, multi-awarded Carbo™ interface

Multi-room DVR and home networking

Multi-stream recording



**ADB.** INSPIRING HYBRID PAY-TV



# ADB-5720SX

## Multi-awarded, tri-hybrid Digital Video Recorder

The multi-award-winning ADB-5720SX is a powerful hybrid Digital Video Recorder which provides seamless access to services from three different technologies: satellite, IP and optional terrestrial networks. Moreover, it embeds innovative features such as ADB Smooth-View™ for totally smooth HD replay in slow and fast motion with perfect audio, and the multi-awarded, super-fast and intuitive ADB Carbo™ user interface.

The ADB-5720SX offers a wide range of interactive services, such as internet portals, on-screen invoicing, interactive gaming, over the top services and Video-On-Demand. It can also act as an advanced gateway to home entertainment, by securely sharing media contents with other connected devices, including gaming consoles, computers and smart phones.

## TECHNICAL SPECIFICATIONS

### TV Compatibility

- PAL

### System resources

- Hard disk drive: 500GB/1TB
- Main CPU: BCM7405
- CPU power: 1100 DMIPS
- DDRAM: 512 MB (SLMI)
- NAND Flash: 512MB
- NOR Flash: 4MB

### Back Panel

- 3 x RCA (YPbPr)
- 2 x RCA (Audio L/R)
- 1 x HDMI
- 1 x SCART
- 1 x SPDIF (optical)
- 1 x Ethernet 10/100Mbps
- 1 x USB 2.0
- 1 x WiFi 802.11n (optional)

### Front Panel

- 16 x digits VFD display
- 4 x LED
- 1 x Smartcard reader (ISO 7816-1,2,3)
- 9 x Buttons
- Casing Size
- 325x253x64mm

### Accessories

- User manual
- Universal external power supply
- Remote control unit
- SCART cable

### Advanced Digital Broadcast

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### Software

- Operating system: Linux
- Middleware: MHP 1.1.2
- Conditional access: Conax
- Copy protection: HDCP 1.3, Macrovision 7.01, CGMS-A
- Software loading over the air or Ethernet

### Resident Applications

- ADB Carbo™ HD user interface
- Smooth-View™
- Pause-TV / Timeshift
- Plug & play installation
- 8-day Electronic Program Guide
- Teletext (VBI insertion)
- On-screen subtitles
- Parental control

### Optional Applications

- Programming over the web
- Browser
- Internet portal
- Internet radio
- Home network
- Invoice on screen
- Terrestrial services via DVB-T USB stick
- Push VOD
- Over the top services
- Games

### Video

- MPEG-2 MP@ML (ISO 13818-2): up to 15 Mbps
- MPEG-2 MP@HL (ISO 13818-2): up to 25 Mbps

- MPEG-4 H.264 MP@L4.1 (ISO 14496-10): up to 25 Mbps
- Aspect Ratio: 4:3, 16:9 with Pan & Scan, Letterbox
- Resolution: up to 1080i30

### Audio

- MPEG-1 Layer 1, 2
- MPEG-1 Layer 3 (MP3): up to 320 kbps, 32/44.1/48kHz
- AAC decoding
- Dolby Digital AC-3 (down-mix, pass through to SPDIF)

### Certifications & Conformities

- DVB-S2/S
- DVB-T
- HDMI 1.3a
- DiSEqC 1.1
- DLNA 1.5
- Dolby Digital (AC-3)
- CE Marking

### Performance

- Channel change speed: 1.3 seconds (average)
- Operating power: <24W

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