OPTICUM RED AX 300 VFD

The Opticum AX 300 VFD is an advanced satellite receiver equipped with a clear VFD display, providing excellent picture and sound quality in a compact unit. It supports DiSEqC 1.0, 1.1, 1.2 and dHello protocols, offering versatility and reliability. It is DVB-S2 compatible, supports Full HD 1080p resolution and has intuitive menus, easy to use for any user.

SELF LEARNIG FUNCTION FOR TV

1080p / HD

WiFi™

MAIN FEATURES:

- Supports SD/HD and MPEG2/MPEG4:
- Enables viewing of standard definition (SD) and high definition (HD) channels, with video encoded in H.264 and MPEG4 formats.
- DVB-S/DVB-S2 compatibility: Provides reception of the latest satellite broadcast standards.
- High picture quality: Supports resolutions from 576p, 720p, 1080i to Full HD 1080p.
- VFD display: Accurately displays channel number and system status information.
  Multimedia connectors:
- HDMI and Coaxial for digital audio systems.
- USB 2.0: Allows connection of external memory for multimedia playback and software updates.
- SCART: Universal output for older TVs.

- Power saving mode: Automatically goes into standby mode (<1W) after 3 hours of inactivity.
- Electronic Program Guide (EPG):
- Makes it easy to schedule recordings and check program details.
- Self-learning remote control with TV control function:Allows you to operate your TV and receiver with one device.
- Multilingual menus: Customized for different user languages.

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Hardware

Tuner
DVB-S/DVB-S2 Tuner: Supports modern satellite broadcasting standards for high picture quality.
MPEG 1/2/4 and H.264 Compatibility: Smooth playback of various video formats.
Video and audio outputs
-HDMI 1.4: Enables transmission of high-definition video and audio to modern TVs and monitors.
-SCART: Allows connection of older TVs or AV devices.
-Coaxial digital audio output: For connecting high quality sound systems or home theater.
Display and indicators
Clear VFD interface for displaying channel numbers and system status.
Construction and design
Compact and sturdy housing: The receiver has a sturdy and compact design, making it suitable for a variety of settings.
Ventilation holes: Provide adequate heat dissipation for stable performance.

INPUTS/OUTPUTS:

- **ANT IN (Antenna Input)** Used to connect a satellite dish. This input receives the satellite signal, which is then processed by the receiver into picture and sound. Allows reception of satellite TV channels (DVB-S/S2) in SD, HD quality.
- **USB (USB Port)** Allows connection of external devices such as flash drives, hard drives or Wi-Fi adapters. It can be used to play multimedia (movies, music, photos) or record TV programs on a USB drive. In some cases, it allows you to update the device's software.
- **HDMI (HDMI Output)** Used to transmit high-quality digital video and audio to a TV or other display device. It guarantees the best quality picture (HD or Full HD, depending on the receiver) and sound, which is ideal for modern TVs and monitors.
- **COAXIAL (Digital Audio Output)** Transmits a digital audio signal to an external sound system, such as an amplifier or soundbar. Allows for high-quality surround sound (e.g., Dolby Digital), which greatly enhances the experience when watching movies or listening to music.
- **SCART OUT** This is used to transmit analog video and audio to older model TVs or other devices equipped with a SCART connector. This is a backward compatibility option so that you can connect the receiver to older TVs that do not support HDMI.
- **Power supply:** AC 100~240V (50/60Hz), maximum power: 15W.

Software

EPG (Electronic Program Guide)
Allows you to view TV program information for 7 days ahead, making it easier to plan your viewing.
Favorite channel list editor
Allows you to create and modify lists of favorite channels, giving you quick access to the stations you watch most often.
PVR and Timeshift
The program recording (PVR) function allows you to save your favorite broadcasts to a USB stick, while Timeshift allows you to pause and rewind live broadcasts.
Parental lock
Allows you to restrict access to selected channels and menu functions, providing control over content available to children.

Multimedia player
Allows you to play multimedia files, such as movies, music or photos, directly from a connected USB storage device.
Supports subtitles and teletext
Supports subtitles for movies and programs and enables teletext functions, offering additional information and convenience for users.
Automatic standby mode
After 3 hours of inactivity, the receiver automatically switches to standby mode to save power.
Software update via USB
Users can easily update the receiver's software to take advantage of the latest features and improvements.

PVR

PVR (Personal Video Recorder) is a feature that allows users to record TV programs on external storage media, such as flash drives or hard drives, connected to the receiver via a USB port. With PVR, users can record their favorite broadcasts, movies or matches and watch them at a convenient time, regardless of the broadcast schedule.

Advantages of PVR:
-Flexibility of viewing time: Playback of recorded content at any time.
-Scrolling and pausing: Recorded programs can be paused and rewound, enhancing the viewing experience.
-Recording scheduling: The EPG function in conjunction with PVR allows you to automatically schedule the recording of selected programs.
-No content loss: With the PVR function, you don't have to give up your favorite programs when you can't watch live.
-Space saving: Recordings are stored on external media, eliminating the need to use the receiver's built-in memory.

PVR is the ideal solution for those who value convenience and independence in their TV enjoyment.

Logistics data:

Pcs per package: 1pc.
Product dimensions: 3.9×14.0×18.0cm
Product weight: 431g
Package dimensions: 5.4×20.2×21.2cm
Package weight: 612g
Bulk card dimensions: 22.0×44.0×56.0cm
Quantity per carton: 20 pcs.
Carton weight: 18.50kg

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