

# OPENSAT X7000CI

## A Receiver for Everyday Use

A satellite system is no longer a luxury item in today's world. A receiver is as common as a washing machine in today's modern home. Yet it should still

be easy to use and of course be able to do almost everything. And let's not forget, it should also be reliable. Did we find the ideal box here? Our tests will tell.



We have to admit that we were a little disappointed to find out that this receiver could not decode HDTV or MPEG-4 signals. Truthfully though, these functions are still the wave of the future and aren't used all that much today yet. Also, an alphanumeric channel display would have been much more fun than the four-digit display that actually does come with the receiver.

Despite all this, we were sympathetic with the way this receiver works. It simply can handle anything that is thrown at it quickly and without any problems. The remote control is ergonomic and comes with all of the expected function buttons.

The X7700CI is not too large and therefore doesn't take up much room. At the same time however it isn't too small either so limiting the number of connectors on the rear panel was not necessary.

Almost everything is there: RCA jacks for video and audio, SCART jacks for a TV and VCR, even terrestrial signals can be looped through and routed to a TV via a UHF channel. Of course, an IF looped-through output is also available so that a second receiver can be connected. This could be an analog receiver or some other special receiver.

Up to four fixed antennas or LNBS can be connected and controlled via DiSEqC 1.0 commands. A DiSEqC antenna motor is also no trouble to use. Once it is aligned to the south and to the North Star, the receiver drives the antenna motor with DiSEqC commands to the desired satellite position. You can choose from up to 60 preprogrammed satellite positions but, of course, depending on your location and the size of your dish, not all of them might be usable.

The alignment to individual satellite positions using a standard DiSEqC 1.2 motor is somewhat difficult; a USALS motor would function much better in this situation. Simply enter in your location and

every satellite will automatically be found.

The receiver comes from the factory without any channels stored in memory but this does not prevent you from accessing the Installation menu. Language, audio and video settings have already been taken care of; you really only need to select the desired satellites and start the channel scan. Your TV enjoyment can begin right after that.

The receiver's channel scan speed is actually quite good: the X7700CI only needed just under three minutes to complete a scan of 79 transponders for FTA channels. The receiver can also handle encrypted channels with its two CI slots.

For this application we have

a small tip: your first channel scan should be for FTA channels since most of the encrypted channels on a satellite would probably not be used anyway. Only then should you scan those transponders opened up by your SmartCard.

The channels found during a scan are divided into separate satellite lists and conveniently sorted by TV and radio. These channels can then be further organized by placing them in one of 12 different Favorites lists that can be renamed as desired. This helps to make it much easier to find the channels you want to watch.

We were especially impressed with the outstanding Edit function that makes it possible to modify existing transponder



values, add new transponder data or even define new satellites.

Information can be called up four different ways. Pushing the OK button displays a 12-row channel list. The Info button displays the channel name and current program name along with a colored bar graph in the Info display that indicates the remaining time in a program. A second window also shows the reception parameters.

Pushing the EPG button displays detailed programming information; this could be information for the entire day or a preview of the upcoming week. Teletext services can also be viewed and very quickly at that since it is constantly downloading information packets in the background.

The built-in timer also includes a sleep timer as well as automatic receiver turn-on control. Together with the EPG, multiple channels can be programmed for recording up to a week in advance.

In between recordings, the receiver switches itself in and out of Standby mode.



## Experts Conclusion

Opensat delivers a fast receiver with which all FTA and encrypted channels can be received.



- Low power consumption
- Universal application
- Easy to program and simple to use
- Detailed EPG
- Fast channel switching
- Fast teletext
- STAB-USALS for motorized antennas

No main power switch.



Heinz Koppitz  
TELE-satellite  
Test Center  
Germany

## TECHNIC DATA

Supplier	RESYS, Macedonia
Internet	www.opensat.info
Model	Opensat X7000 CI
Power Consumption	6 /12 Watt (Stand-By/Off)
Channel Memory	6000 (3000 TV, 3000 Radio)
Satellites	max. 60
RF-Modulator	Yes (Auto/PAL/NTSC)
Listings	Satellite, TV, Radio, Favorites
Editors	Satellite, Transponder, Program, Timer
Connectors	IF In/Out, ANT In/Out, 2xSCART, RCA, RS-232
DiSEqC	1.0, 1.2 and Stab-USALS
EPG	Day, next day, week with program details
Timer	Sleep-off, Switch-on, EPG-programmable On/Off
Support, Upgrade	Upgrades and Support-SW from Homepage (PC-use)



EPG Text with Window |



Information Display |



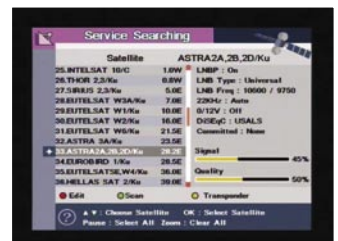
EPG Content |



Transponder Add Menu |



Channel List Astra 2 |



Satellite list with USALS |

