

**NOKIA**  
**230 T**  
Mediamaster



**Digital Terrestrial TV**  
**Digital Pay-TV of your choice**  
**Digital camera phone images**  
**on your TV screen**



**NOKIA**  
CONNECTING PEOPLE

# NOKIA 230 T Mediamaster

**Digital TV reception through a rooftop antenna**

**Digital picture and sound**

**Free-to-air and pay-TV channels**

**Common Interface slot to support Pay-TV**

**Dolby™ Digital Bitstream out**

**Plug & play installation**

**Easy-to-use Nokia Navi™ Bars user menu**

**Image viewer for digital images on TV screen**

**Built-in Bluetooth to connect  
wirelessly to a camera phone**

**Storage capacity for 36 images (64 kB/image)**

It's not just an ordinary box in your living room. The Nokia Mediamaster 230 T is designed to please even the most demanding eye.



## The Nokia Mediamaster 230 T – the easy way to go digital!

The Nokia Mediamaster 230 T receives digital terrestrial TV broadcasts through your rooftop antenna and converts them so that you can watch them on your normal TV. You'll notice the difference as soon as you switch on your television set. The digital picture and sound quality is cleaner and clearer than anything you will have



Friends coming over? Put on a slide show of camera phone images on your TV. Show as many as you like - and store up to 36 images.

experienced before. You'll be able to zap through many new digital TV and radio channels and enjoy a huge variety of content, such as entertainment, music, sports, news and movies.

If you own a widescreen TV, you'll finally be able to watch programmes in true widescreen format, which is otherwise only possible using a DVD player. You can also have more fun with pay-TV services if your TV operator offers them.

Get ready for a whole new standard of TV entertainment!

### Free-to-air and pay-TV channels

The Nokia Mediamaster 230 T gives you access to all the available free-to-air digital TV and radio channels. But that's not all. It also has a Common Interface slot where you can plug-in a CA module, as recommended by your terrestrial pay-TV operator. Your dealer will be happy to give you advice on your pay-TV options.

### Got a camera phone?

#### View your digital images on TV!

The Nokia Mediamaster 230 T brings digital images taken or received with your camera phone right to your TV screen! If your phone supports Bluetooth 1.1 technology\*, you can send digital images from your camera phone to your Nokia Mediamaster 230 T



A whole new experience: view your camera phone snapshots in a larger format - on TV!

and view them on your TV screen, in any order you want. You can also store up to 36 pictures in the Navi™ Bars user menu. So, next time your friends come over, why not put on a show of your favourite snapshots in a larger format - on your TV!

\* standard in most camera phones, ask your dealer for details

### **The Nokia Navi™ Bars user menu – fast and easy-to-use**

You don't need to be a technician to install the Nokia Mediamaster 230 T. Just connect the leads, plug it into your antenna cable, follow a few simple instructions on-screen and it is all ready. The Nokia Navi™ Bars user menu makes zapping around your favourite channels very easy. You can also adapt the Nokia Navi™ Bars according to your personal preferences. You and your family can create your own personal TV and radio channel lists for sports, kids' channels, movies or documentaries... it's up to you.

### **Cinema sound in your living room**

If a film is broadcast with Dolby™ Pro-Logic or Dolby™ Digital sound, you can experience true multi-channel cinema sound. The Nokia Mediamaster 230 T can send digital sound information via the S/PDIF digital output to your home cinema system for decoding, greatly enhancing your viewing pleasure.

### **Why not listen to digital radio? Or play a few games?**

With your Nokia Mediamaster 230 T you can also receive digital terrestrial radio channels. Being digital, they'll sound great, especially if you connect the Nokia Mediamaster 230 T to your home hi-fi. And, should you feel like playing a few games, the built-in Nokia classics, Snake, Tic-Tac-Toe and a new game, CardDeck, will keep you entertained.



The Nokia Navi™ Bars user menu: Your personal guide to all digital home entertainment. Zap through channels, create favourite lists and ask for help – all at the touch of a button. It's not only smart, but fast too.



So many good things in such a small package: The remote control is designed to give you easy access to the digital free-to-air and pay-tv channels of your choice, and to your digital images.

#### Channel decoder

COFDM modes	2 k and 8 k
COFDM bandwidths	7 and 8 MHz
Supports SFN	
Input connector	IEC female
Input frequency range	177,5-295,5 MHz (7 MHzBW) and 474-858 MHz (8 MHzBW) E5-E12, S11-S20, E21-E69

#### RF Loop through and RF modulator

Output connector	IEC male
RF modulator output	E21-E69, PAL G/I and SECAM

#### AUX (VCR) Scart

CVBS, Audio

#### Video decoder

MPEG-2 Main Profile @Main Level	
Data speed	up to 15 Mbit/s
Video format	4:3 & 16:9 letterbox Pan & Scan

#### Audio decoder

MPEG-2 I and II (Musicam Audio)  
Mono, Dual channel, Stereo, Joint Stereo

#### Application system resources

Graphics display	720x576
Color	256

#### TV Scart

RGB, CVBS, Audio

#### Serial data port/Connection for external modem

RS232 C interface	
Connectors	9-pin D-sub
Dataspeed	max 115,2 kbit/s

#### Remote control

Operating range	up to 7 m
Batteries	2x1.5 V (type AAA)

#### Wireless interface

Bluetooth	version 1.1
Profile	Object push (OBEX)
Dataspeed	max 460,8 kbit/s

#### Image viewer

Image format	JPEG
Resolution	max 720x576 (VGA)
Image size	max 256 kB
Storage capacity	up to 36 images (when using max 64 kB images)

#### Conditional Access

1 x Common Interface.  
DVB compatible CAM's supported.  
1 x smart card reader

#### Summary of connectors

- 1 x IEC female (Signal input)
- 1 x IEC male (RF output)
- 1 x indoor antenna power supply
- 1 x Common Interface
- 2 x SCART (TV, AUX)
- 2 x Audio L/R (RCA/Cinch type)
- 1 x S/PDIF (RCA/Cinch type)
- 1 x RS232 (9-pin)
- 1 X Mains connector

#### General data

Colour	Black Olive, front in Titanium Grey
Operating temperature	+5 to +40 °C
Storage temperature	-40 to +65 °C
Supply voltage	110-240 V
Power consumption	max 25 W (stand by 5 W)
Weight	ca 1050 g
Dimensions (wxdxh)	251x275x80 mm

#### Indoor Antenna

Contact your service provider or local installer for information about the reception conditions in your area.