

Introduction Guide

NOKIA **1200** Mediamaster



NOKIA
CONNECTING PEOPLE

Mediamaster 120 C

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This Introduction Guide describes how to connect the Mediamaster and how to perform the first-time installation. It also describes the main features of the product.


A more detailed User Guide in the English language is available from the Nokia.com support pages on the Internet.

Read this before using the Mediamaster

- Do not use any power supply other than the original unit delivered with the Mediamaster.
- Allow 10 cm of space around the Mediamaster for sufficient ventilation.
- Do not cover the Mediamaster's ventilation openings with items such as newspapers, tablecloths, curtains, etc.
- Do not place the Mediamaster on top of a heat-emitting unit.
- Do not place naked flame sources, such as lit candles, on the Mediamaster.
- Use a soft cloth and a mild solution of washing-up liquid to clean the casing.
- Do not expose the Mediamaster to dripping or splashing liquids.
- Do not place any objects filled with liquids, such as vases, on the Mediamaster.
- To give your Mediamaster extra protection, e.g. during a thunderstorm, we recommend that you connect it via an external surge protection device.
- Do not connect or modify cables when the Mediamaster is plugged in.
- Do not remove the cover.
- Do not allow the unit to be exposed to hot, cold or humid conditions.
- Service should only be carried out at a Nokia Authorised Service Centre.
- Please note that the only way to isolate the Mediamaster completely from the mains supply is to unplug the power supply!

Remote control

This section describes how to operate the Mediamaster using the buttons on the remote control.

- mute**  Press once to turn the sound off/on (mute/unmute).
Press and hold for a few seconds to switch the Mediamaster into standby mode. In addition, press this button to switch the Mediamaster on.
- ok** To confirm a selection.
To open Navi Bars
- cursor up** ▲ Move up in the menus and change to the next channel in viewing mode.
- cursor down** ▼ Move down in the menus and change to the previous channel in viewing mode.
- cursor left** ◀ Move left/change settings in menus.
Decrease the volume level in viewing mode.
- cursor right** ▶ Move right/change settings in menus.
Increase the volume level in viewing mode.
- opt** To display temporary settings (options) while watching TV.
Activate Channel Filtering & Sorting in Navi Bars mode.
- info** Three different functions:
Pressing once will show current programme name.
Pressing twice will show information about the current and next programme.
Pressing three times will give the 7-day programme guide (EPG).
- back** To go back one level at a time within menus.
To close the Navi Bars.
Toggle between the present and previous channel.
- 0 - 9** To change the channel and to select individual menu options.
NOTE: If 0 is entered as the first digit, the TV Release functionality is activated (see below).
- 0** To toggle between the Mediamaster reception or any other reception to your TV (depending of TV model.)
- navi** To open and close the Navi Bars.
- txt** Press to enter Teletext (if available).
- tv/radio** Toggle between TV and radio mode.



Connecting the Mediamaster

Front and Rear panel

antenna cable

for connection of the antenna cable to the cable TV antenna socket

Reset button

Slot for a Conax smart card

TV SCART socket ** for connection to the TV SCART

DC in

for connecting the cable from the external power supply

TV/VCR

For connecting to the RF socket on the TV, or to a Video recorder

Digital audio

Digital audio output (TOS-link optical connection)



A constant green light indicates that the Mediamaster is switched ON.

A constant red light indicates standby mode.

The light flashes red when commands from the remote control are received.

The light flashes green during software updates.

Connecting the Mediamaster

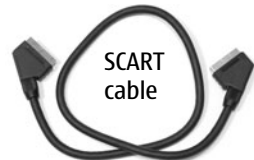
The box for your Mediamaster should contain the following items:

- the Mediamaster
- a remote control with 2 AAA batteries
- a SCART cable (fully connected; 1.0 m)
- an Introduction Guide
- a separate power supply
- an RF cable

Power supply



SCART cable



Preparing the remote control

- Remove the cover from the battery compartment at the bottom of the remote control.
- Insert the 2 AAA (1.5 V) batteries as shown in the diagram, taking care to observe the + and - markings indicated inside.
- Replace the cover.

** The TV SCART Socket

When you connect other devices to this socket, always **use a fully connected** SCART cable like the one supplied. There are SCART cables available that do not have all the pins connected, which could reduce picture quality if you were to use them.



Connecting the Mediamaster

Common Connections

In this section, you will see some of the most **common** ways to connect your equipment.

If you have problems with your connections and need help, contact **your retailer or Nokia Support**.

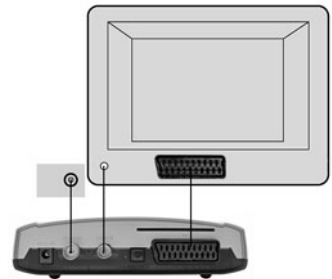
Connecting to the TV with SCART

- Connect an antenna cable from the cable TV antenna socket in the wall to the antenna cable input on the Mediamaster.
- Connect an RF cable from the TV/VCR output on the Mediamaster to the antenna input socket on the TV.
- Connect a SCART cable between the main SCART socket on the TV and the TV SCART socket on the Mediamaster.
- Switch on your TV, then plug in and switch on your Mediamaster.

You may need to select the AV (SCART) channel on your TV to watch digital TV. In some cases, your TV will automatically select this channel when the Mediamaster is switched on.

NOTE: The RF lead will need to be connected in order to watch analogue channels.

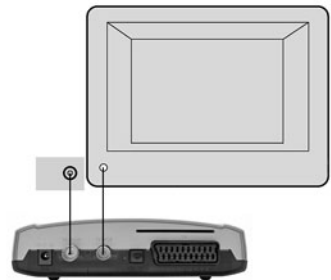
It is always advisable to consult the user guide that came with your TV.



Connecting to the TV without SCART

- Connect an antenna cable from the cable TV antenna socket in the wall to the antenna cable input on the Mediamaster.
- Connect an RF cable from the TV/VCR output on the Mediamaster to the RF input socket on the TV.
- Switch on your TV, plug in and switch on your Mediamaster.
- Select a programme number on the TV that is not currently used for other TV channels.
- Follow the instructions in your TV manual to tune the TV to the channel where you see the First-time installation menu from the Mediamaster.
- Follow the instructions in your TV manual to store this channel.
- When the First-time installation menu is visible, press the **ok** button on the Mediamaster's remote control to start the installation procedure.

If the picture quality is bad, you can later change the pre-defined UHF channel 43 to any other number between 21 and 69. You will also have to tune your TV to the same (= the new) channel number.



Connecting the Mediamaster

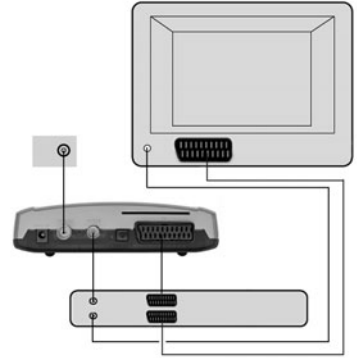
Connecting a Video recorder with SCART

- Connect an antenna cable from the cable TV antenna socket in the wall to the antenna cable input on the Mediamaster.
- Connect a SCART cable between the main SCART socket on the TV and the TV SCART socket on the Video.
- Connect an RF cable from the TV/VCR output on the Mediamaster to the RF input socket on the video.
- Connect an RF cable from the TV/VCR output on the video to the RF input socket on the TV.
- Connect a SCART cable between the SCART socket on the video and the SCART socket on the Mediamaster.
- Switch on your TV, then plug in and switch on your Mediamaster.
- On your VCR, there should be an AV select button. This mode should be selected to record digital TV.

You may need to select the AV (SCART) channel on your TV. In some cases, your TV will automatically select this channel when the Mediamaster is switched on.

NOTE: In this set-up, your VCR has to be switched on or in standby mode to watch digital TV. To record a digital channel, you will need to select the AV (SCART) channel on your video.

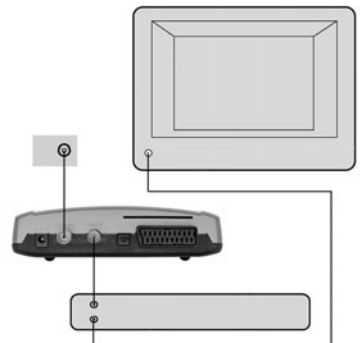
It is always advisable to consult the user guides that came with your video and TV.



Connecting a Video recorder without SCART

- Connect an antenna cable from the cable TV antenna socket in the wall to the antenna cable input on the Mediamaster.
- Connect an RF cable from the TV/VCR output on the Mediamaster to the RF input socket on the video.
- Connect an RF cable from the TV/VCR output on the video to the RF input socket on the TV.
- Switch on your TV, then plug in and switch on your Mediamaster.
- Pick a spare channel on your VCR and tune this until you see a programme channel from the Mediamaster. Store this channel.

Select this channel on your video when you want to record a digital channel.



Connecting the Mediamaster & First-time installation

About Smart card

The Mediamaster is equipped with a built-in decoder for the **Conax encryption system**.

Insert a valid **smart card** fully into the slot on the back of the Mediamaster. The gold chip must face **downwards and inwards**.



Connecting a Hi-fi system

It is possible to connect a TOS link cable from the Digital audio output on the Mediamaster to a Hi-fi system that is equipped with the corresponding audio input.

- Also use the TOS link Digital audio output for connection to an external Dolby digital/DTS decoder.

First-time installation general information

Once you have correctly connected the Mediamaster, you will also have to perform a "First-time installation." During this procedure, helpful information is displayed at the bottom of the menus.

The **ok** button always confirms a selection within the menus, and pressing it will take you to the next step in the installation procedure. However, more than one value sometimes have to be entered in a menu. First, perform all necessary settings on the different lines. Then, confirm them all simultaneously by pressing **ok**.

- You can always return to the previous menu by pressing **back**.
- Use the **cursor up/down** button to move upwards and downwards from one line to another.
- Use the **cursor left/right** button to change settings

You also use the number buttons on the remote control to enter numeric values.

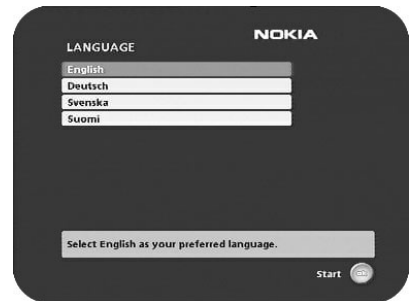
First-time installation

Switching on for the first time and start

- Plug in your Mediamaster and the "First-time installation" menu is shown.
- Press **ok** to continue.



Select the desired menu language using the ▼▲ buttons. This will become the main language for menus, audio and subtitling.



The menu to the right will be shown as long as the Mediamaster is searching for TV and radio channels.

All channels found will be listed on the screen.

NOTE: the search procedure may take a few minutes. You can cancel the search at any time by pressing **ok**.



When the search procedure has ended, a message will tell you how many TV and radio channels have been found.

Press **ok** to start watching digital TV channels.

If no TV channel is automatically shown after you have finished the installation procedure

- Step up or down using the ▼▲ buttons to select another channel.



Watching TV & listening to the radio

Navigating with the Navi Bars

Navi Bars are used for selecting TV/Radio channels and to enter menus in which you can perform different settings.

1. Display Navi Bars by pressing the **navi** or **ok** button; to hide them, press the **back** button.
2. When Navi Bars are displayed, you can move the folders in horizontal and vertical directions with the **▼▲◀▶** cursor buttons.

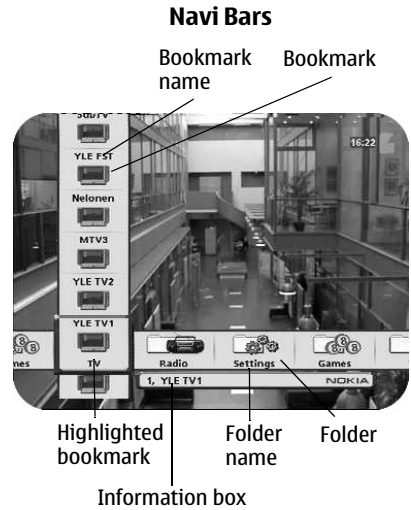
The horizontal row contains **folders**, e.g. TV, Radio and the Settings folder. Each folder contains one or more **bookmarks**.

- To move a folder into focus, use the **◀▶** buttons.
- When a folder is in focus the bookmarks will be shown in the vertical row.
- You select a bookmark using the **▼▲** buttons.
- To confirm the selection of, e.g., a TV channel or to open a bookmark, press the **ok** button.

Below the horizontal folder bar, there is an Information box for the currently highlighted bookmark.

When scrolling through TV or radio channels, the programmes can be marked with the following symbols in the Information box:

- * = a new channel you have not yet visited
- ⊗ = the channel is locked by the user
- ⊙ = the channel is encrypted



The Menus in the Settings folder

From the Settings folder in the Navi Bar you have access to different bookmarks containing Menus.

In the figure to the right the Settings folder with the **User** bookmark is in focus.

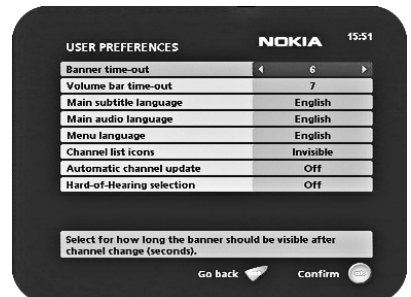
When you try to open some of the menus contained in the folders you will be asked to enter an access code. This code is pre-set to 1234 in the factory.

Press **ok** to open the User Menu.

Press **info** to get some information about the Settings folder currently in focus.

From the Menus you can make different settings that will affect the performance of the Mediamaster. For example, in the User Preferences Menu shown in the figure to the right you can change settings for the Banner time-out, Volume bar time-out and so on.

At the bottom part of each menu you get some useful information about what will be affected.



Watching TV & listening to the radio

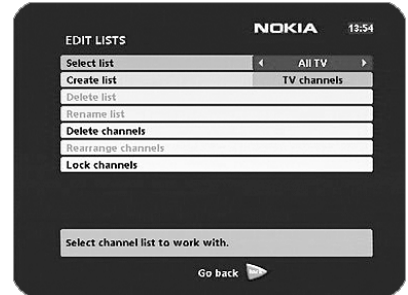
Edit lists folder

The TV folder may contain a lot of channels. By creating your own lists you can make it easier to handle channels.

You can create and edit favourite channel lists in these menus.

Select list

If you have several lists and want to make changes in them, select which list by using the ◀▶ buttons.

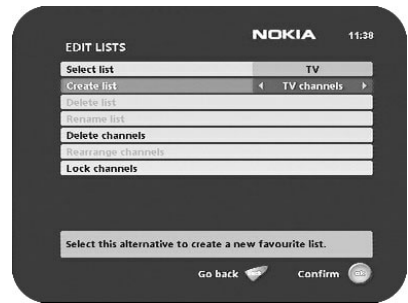


Create list

Create your own lists containing the channels you most frequently watch. Give each list a specific name, e.g., "News" or "Kids". The new lists you create will appear as a new **folder** in the horizontal part of the Navi Bars.

When a list is selected, you see only those channels defined in the list.

You can create separate lists for TV and radio channels.



Enter the name of a list

- Press the number button corresponding to the character you want: once for the first character, twice for the second and so on.
- Before entering the next character, wait for the short automatic delay before the cursor moves to the next character position.
- The available characters are listed below:

1	.,-!?	6	m n o 6 Ö Õ Ñ Ó Ò
2	a b c 2 Ä Å Á Â Ã Ä Æ	7	p q r s 7 \$
3	d e f 3 É Ê Ë Ì	8	t u v 8 Ù Ú Û
4	g h i 4 Î Ï Ñ	9	w x y z 9
5	j k l 5	0	space and 0

- Toggle between upper-case and lower-case letters with the **navi** button.
- To insert a space, press the number button **0**.
- If you make a mistake, you can remove characters by pressing **txt** as many times as needed.
- When you have entered the list name, press **ok**.
- Go to "Add/Delete Channels" to add channels to the list.



Watching TV & listening to the radio

Delete selected list

If you want to completely delete a list, first select the list with the ◀▶ buttons on the line "Select list". Then, move down to "Delete selected list" and press **ok**.

Rename selected list

Give the list a new name. Refer to "Create list" on the previous page.

Add/Delete channels

From this menu, you add and remove the channels in your lists.

A channel is added or removed from the list by pressing **info**. The square on the right-hand side of a line will be empty to denote a removed channel, and will contain an "✓" for added channels. Three different symbols can be shown next to the channel name: * for a new channel you have not previously visited, ⊗ for a channel locked by the user and ⊙ for an encrypted channel.

- Move to the desired channel(s) with the ▲▼ buttons.
- Press **opt** if you want to preview the channel.
- Add/remove a channel by pressing **info**.
- When you are ready, confirm the selections and exit the menu by pressing **ok**.

Rearrange channels

This lets you arrange the order of the channels within your lists.

- With the ▶ button, mark the channel you want to move to a new position.
- Move the channel to the desired position with the ▲▼ buttons,
- then press the ◀ button.
- Press **ok** to confirm the new position.

Lock channels

To open this menu, you will be asked to enter your access code.

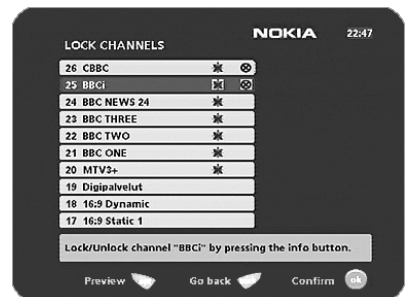
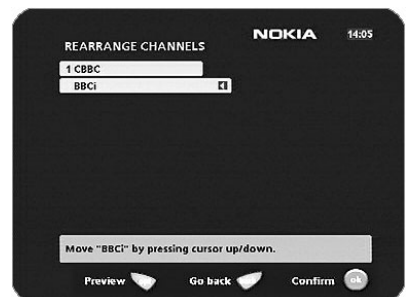
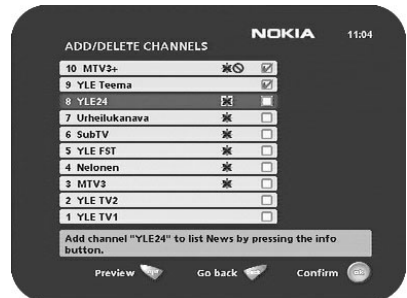
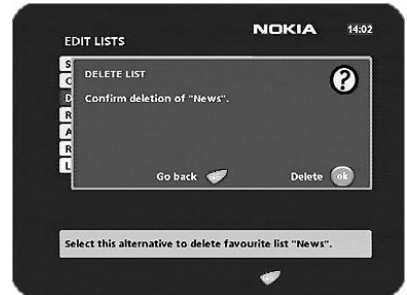
The access code is set to 1234 at the factory.

You can lock (and later unlock) channels on any of the lists in order to prevent your children from watching them, etc.

- Select the channel you want to lock and press **info**. Repeat the procedure for each channel you want to lock.
- Press **opt** if you want to preview the channel.
- Press **ok** to confirm.

A locked channel will be marked with an "⊗" symbol.

- You must enter your access code before you can watch a locked channel.



Watching TV & listening to the radio

Sorting channels

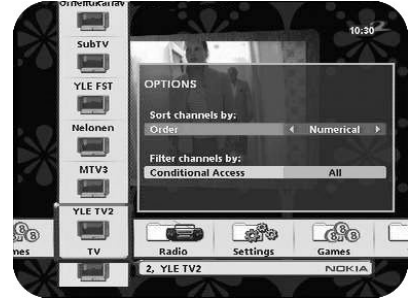
You can select how the channels shall be sorted in the TV and Radio folders.

When any of the TV or Radio folders are in focus in the Navi Bars, press the **opt** button on the remote control.

- Select to show the channels in **alphabetical** or **numerical** succession in the folders.
- Select the channel names you want to be shown in the TV/Radio folders.

Free channels = Only channels that does not need any smart card to be watched.

All channels = Smart card dependent channels + free channels.



Note! Sorting does not apply for Favourite folders.

Programme Guide: EPG

By pressing the **info** button **three times** while watching a channel you get access to the Mediamaster EPG (Electronic Programme Guide.)

In the EPG you will find information about the programmes for the current day and for the following seven days (provided that this information is included in the channel transmission from the distributor.)

You may also select the Type of programme you want information about, e. g. Movie, Sports or Music.

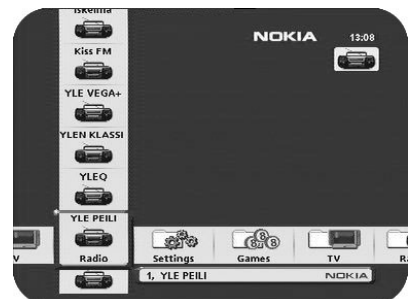
Use the **arrow** buttons to navigate within the guide. Exit the guide by pressing the **info** or **back** button.



Listen to radio channels

By pressing the **tv/radio** button you can alter between watching TV and listen to Radio channels.

When Radio mode is selected the menu to the right will be shown.



Nokia Mediamaster software end-user license

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Keilalahdentie 2-4,
P.O. Box 226
FIN-00045 Nokia Group, Finland
Tel. +358 7180 08000

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Technical specifications

Transmission standards DVB-C

Tuner input & Demodulator

Input connector	1 x IEC 169-2 (female)
RF input frequency	110-872 MHz
Input impedance	75 Ohm
Bypass frequency	47-862 MHz
Frequency range	RF modulator 470-862 MHz
Output connector	1 x IEC (male)
Modulation format	16, 32, 64, 128 and 256 QAM
Symbol rate	2-6,95 MS/s
Supply voltage for the separate Power Supply	110-240V AC, 50-60Hz
From the Power supply to the box	16 V
Power consumption max	9 W
Power consumption in standby	2 W

TV SCART

Video output	1 V _{pp} (1 dB)/75 Ohm
Audio output	0.5 V _{rms} /R _L >10 Ohm
RGB output	Internal RGB
RGB bandwidth	5.8 MHz ±3 dB
Fast blanking output	Internal or from AUX SCART
Status output	0/6/12 V/ R _L 10 kOhm

DIGITAL AUDIO (S/PDIF)

Connector 1 x RCA

AUDIO

Optical TOS-link connector	For PCM, DTS and Dolby Digital Bitstream audio output signals
Output	0.5 V _{rms} R _L >10 kOhm 12dBFS
Audio decoder	MPEG-1 layer I and II
Operating temperature	+5° C to +45° C
Storage temperature	- 40° C to +65° C
Humidity	25 to 90% rel humidity
Operating distance for remote control	max 10 meters
Dimensions (w x d x h)	170 x 165 x 45 mm

The Conax Conditional Access (CA) System is embedded.

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