

Maximum T-541 VA

User Manual



Important!

Please read this manual before connecting the Maximum receiver.

The receiver can be connected to one TV set only.

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1. Security guidelines

Please read this user manual carefully before connecting the receiver.
Keep this user manual for later use.

Always place the receiver on a plain surface, i.e. not on carpets, soft furniture etc.

If the receiver has been exposed to any form of humidity, or if it has been otherwise damaged, it should be checked by a technician.

Warning

Do not open the receiver, as this may cause an injury.

Ensure that there is plenty of room above and around the receiver and that ventilation holes are not covered or blocked in any way.

Do not place the receiver in a closed cabinet or on top of any other item that produces heat.

Declaration

This product conforms to the specifications of European standards: EN 60065:2002, EN 55013:2001 +A1:2003, EN 55020:2002, EN 61000-3-2:2000 and EN 61000-3-3:1995 + A1:2001

Swan certificate

This product has been approved by the environmental standards of the Swan Certificate Association. Power consumption is low during use, and it decreases when on stand by. Power consumption will decrease to minimum if the plug is switched off, when not in use.

For more information see: www.svanen.nu or www.ecolabel.nu

During construction of this receiver we have made sure that it is possible to separate the materials for recycling. Accordingly, please bring the receiver to a recycling centre when disposing of the product.

If you further want to support our environmental care please return the receiver to your dealer if it is malfunctioning. He will then return it to us to ensure that it is repaired using the original parts.

2. Package Contents

Package contents:	<div style="border: 1px solid black; padding: 5px;"><p>Maximum T-541 VA</p><p>Remote control R2</p><p>SCART cable</p><p>Power supply 12V DC</p><p>Manuals</p></div>
Extras needed:	<div style="border: 1px solid black; padding: 5px;"><p>Program card</p><p>Antenna</p></div>
Active Antenna	

Maximum T-541 VA can feed your antenna with a +5V power supply. This is the default setup. If this power source is unnecessary, please follow this procedure on your remote control:

Menu → Settings → general settings → active antenna

Selections are confirmed by pressing the **OK** button.

To enable or disable push the << or >> button.

3. Initial Installation

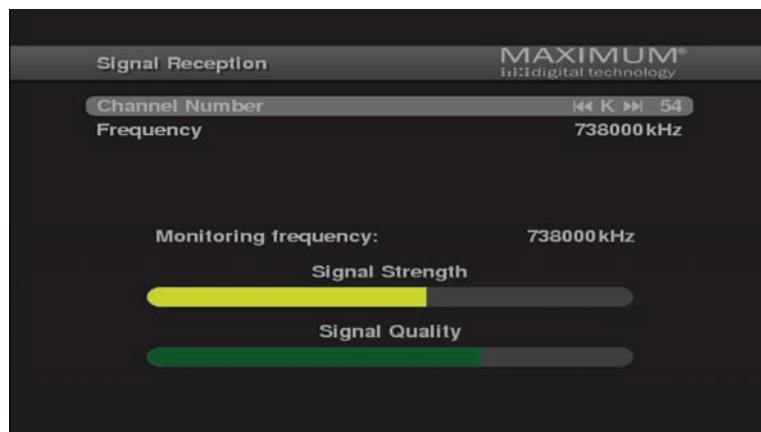
When connecting the receiver for the first time, this menu will appear:



A clear signal

Please check that your TV has a signal. With the P+ and P- buttons you can select "Check Signal" and then confirm by pressing **OK**

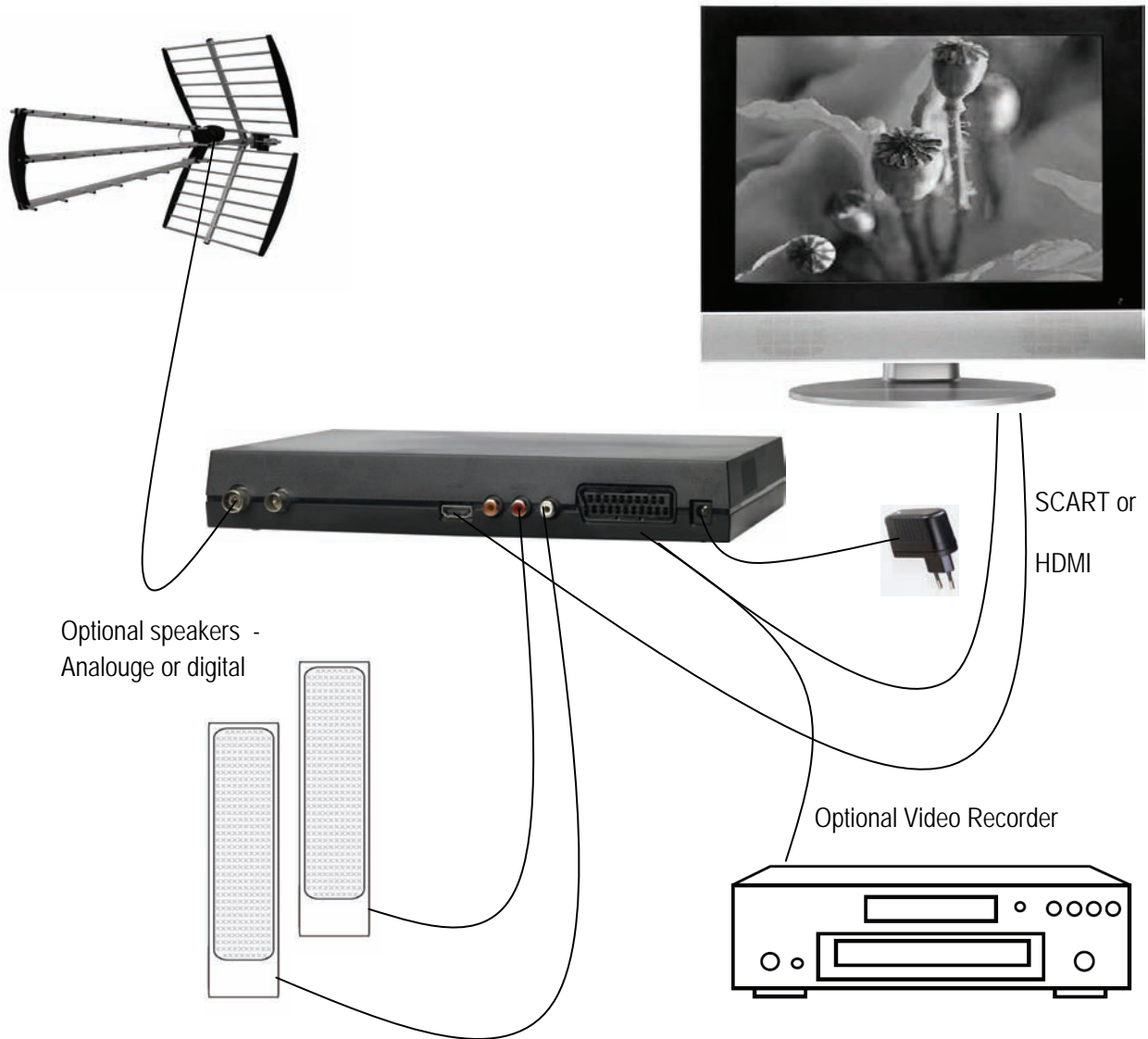
This menu will appear:



Now enter the channel number given to you by your TV station or TV store. Enter the digits on the remote control. Your signal quality indicator must turn green.

In case of no green signal you may try to run a "Quick Installation". In that case Maximum T-541 VA will seek within a defined range of frequencies to find suitable channels.

4. Connecting the receiver



To connect the Maximum T-541 VA receiver to your TV set use a HDMI cable or a scart cable.

Connect the receiver to an antenna.

Insert the program card with the chip facing downwards. Maximum T-541 VA is ready to seek TV channels for your TV set.

5. Quick installation.

After having checked the signal, leave the signal menu using the **back** button.
Select "Quick Installation". All selections are confirmed by pressing the **OK** button.

Choose TV format as zoom or 4:3. Make your choice by pressing the **OK** button.
Continue the installation by using the **P-**.

Maximum T-541 VA will search and find all suitable channels.

You may be asked to choose between networks using the buttons **P+** and **P-**.



6. Remote Control Basics

Guidelines about the remote control are found on page 23.

Tip! Hold the remote control in your hand while reading this manual.

Up and Down


To move up and down press the **P+** and **P-**. Or you can choose channels by entering the number directly with the numerical keyboard.

Left and right


To switch between left and right use the **<<** and **>>** buttons.

Volume

Turn the volume up and down by **V+** and **V-**

To deactivate/activate the sound use the vertical button: 

Choices

Confirm all choices by pressing .

Exit!

You can always return to the TV program by pressing the **EXIT** button or go one step back by using the **BACK** button.



Operating the receiver without the remote control:



With the two buttons on the front panel, you can choose channels – down and up – button one and two from the left. The button to the far right is used to power ON & OFF.

7. Text TV

TXT button activates and deactivates the Text-TV function.

Enter page number.

You can switch between the previous or the following pages with the **P+** and **P-** buttons.

Automatic page shift is activated when the same page number contains more than one page. If you want to delay this function just press the **OK** button. Deactivate the automatic page shift function by pressing the **OK** button.

Easy way to find the latest page. If you leave the Text-TV and later return to the same channel, you will still be on the Text-TV page you last visited.

To move back and forth between pages you have been reading. Press the **<<** and **>>** buttons.

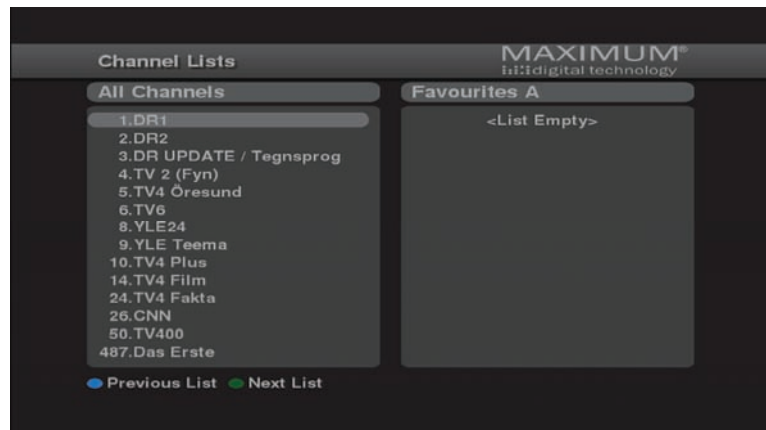
8. Channels

Favourite Channels

Make your own TV lists containing your favourite TV-channels. This will give you a personalized overview, where you can organize up to 6 lists (A-F) with your own, or your family's favourite choices.

To find the **Channel List** and other settings, press the menu button.

Menu → Channels → Channel lists



The actual list can be seen in the left window.

Your favourite lists are displayed in the right window.

Enter channels to the favourite list by choosing the channel in the left side and confirm your choice by pressing the **OK**. The same channel can now be seen on the favourite list to the right.

Choose another list in either window by pressing the blue or green buttons.



Move sideways using the << or >> buttons.

Rename your list using the TXT button.

Delete a channel in the favourite channel list using the red button



Change the order of the channels in your favourite list by using the yellow button: Move



9. Information Shortcuts

Quick Info

Maximum T-541 VA provides you with an overview of the programs you can choose from. You get three very fast shortcuts to all-round information about TV programs:

Quick Info press **i**

The **i** button opens information about the current program and what is coming next.

Press **i** once:

The name of the channel appears.

The title of the current program, its start and ending time is visible. The next program is visible below.

The clock appears in the top right hand corner.



Press **i** twice

An extra window opens where you can read information about the program in progress. If necessary, you can scroll by using the P+ and P- buttons.

Press **i** three times

All information is deactivated.

To go back to the TV program press exit or **i** once more.

Smart program surfing at the **i**

While enjoying your current program, you can see what is being shown on any of the other channels. By pressing the **i** once, information about the current and the following program appears on your screen. By pressing the P+ button you can watch all the channels on the actual channel list. Every channel shows information about the current and the following program.

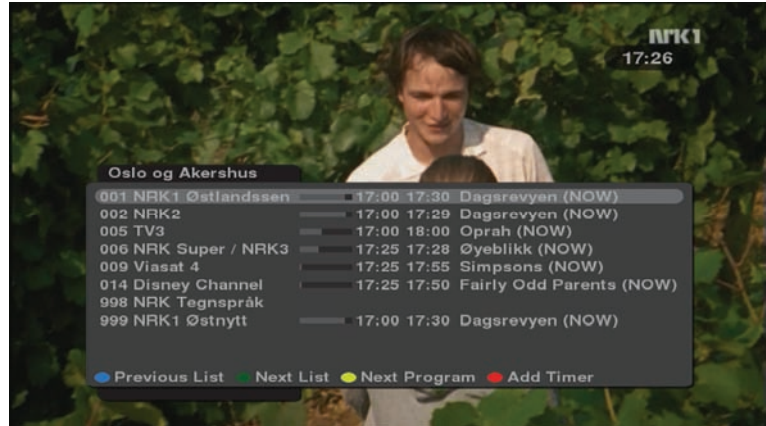
If the information tempts you to switch to another program confirm by pressing **OK**.

Extensive Program Info

If you want an immediate overall view where you can see the channel list and all the current programs, press the **OK** button.

A window appears showing all the channels on the list in question. You can see all the current programs on all channels, and you can see the time when they started and when they will end.

Move up and down using the **P+** and **P-**



'Blue'



'Green'



To shift between channel lists use the green and the blue buttons. Thus you can easily switch to another channel list, maybe to check the children's favorite list or another list of your own. This can be done while watching your program.

'Yellow'



Program info for every single channel. You can see what will be shown in the next program on each channel. Press the yellow button to choose next program.

'Red'



It is possible to set a timer using the red button. The timer will activate Maximum T-541 VA at the preset time.

Remember to set a timer on your video recorder too. Read info about video on p. 16.

Electronic Program Guide - EPG

Press the EPG button to get an extensive, daily and weekly, overview of the programs.

Another way to find the EPG is via the menu:

Menu → Guide

This menu will appear:

The headline displays the actual channel on the left. The other channels on the same list are visible, but not highlighted.

Shift using the << and >> buttons



Today's, and the coming week's, programs are listed in the window to the left, for the actual channel.

To move up and down the list, use the green and the blue buttons:



'Blue'



'Green'

The actual date is illustrated at the top of the list.

Further details about each program will appear in the right window as you move up and down the list on the left side. If you move through the guide too many days ahead, however, the information may not appear. This may occur because it has not yet been released by the TV station. If necessary you can scroll in the right window using the yellow button:



'Yellow'

You can set a timer function using the red button.



'Red'

10. Timer Settings



Timer settings are very easy and can be done in a many ways. You can set a timer directly from the big info menus, by pressing the **OK** and the **EPG**, or simply by choosing the shortcut red button. Then the timer is activated automatically from the program guide.

Manual Timer Settings

Another option is timer setting from the Menu:

Menu → Timer

This menu will appear:

To set a timer you simply position yourself at the top line and confirm at the **OK**.

Every time you want to set another timer you move down the list activating **P-**.

Every time you confirm at the **OK** another window will open...



Always remember to activate the Video Recorder as well!

11. Video programming

This menu guides you through the video programming process:

You enter the correct information by overwriting the suggestions already there. The timer is default, set to one hour.

This means that you can choose to accept programs that last less than one hour.



Go through the timer programming moving down using the P-. When finished, you can store your selections by pressing the **OK** button. Alternatively you can discard your programming selections by using the << button .

You are automatically guided back to the timer list where you can see your settings displayed.

If you want to make another setting, choose P- to move down the list. Confirm using the **OK** button.

When a timer is active the receiver is locked and **LOC** appears in the display. Pressing **EXIT** will cancel the timer and the receiver will go back to normal operation.

Remember to set the Video Recorder!!

12. Quick Options

Quick options at the SRC button.

At **SRC** you can easily change the spoken language and subtitles in the program you are watching right now. The picture format can be changed as well:

This menu will appear:

Subtitles are changed with the << and >> buttons.

Original audio language is an option at the << and >> buttons.

Picture format can be changed



Scart release.

The SCART release signals to the TV set that this SCART input should no longer be the prioritized input. Typical use is that you want to watch some other input of the TV (HDMI, RF or second SCART).

Move down with the P- and confirm at the **OK**.

13. General Settings

The Menu button gives you a lot of options:

Language settings:

Menu → settings → general settings → language

This menu will appear:

You move up and down using the P+ and P-.

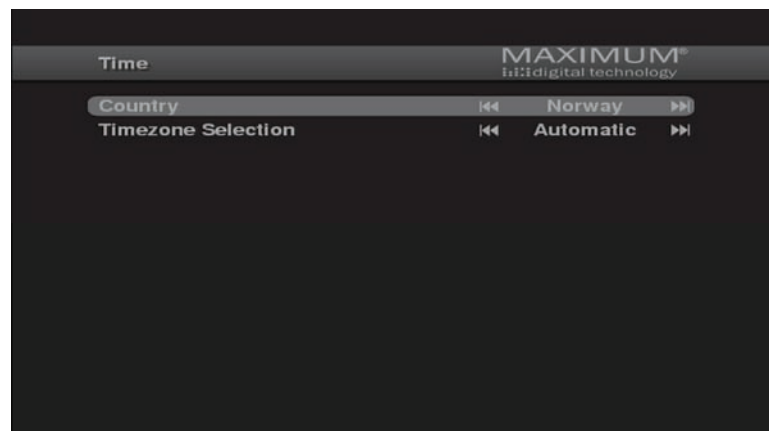
Shift between options using the << and >> buttons.



Time Settings:

Menu → settings → general settings → Time

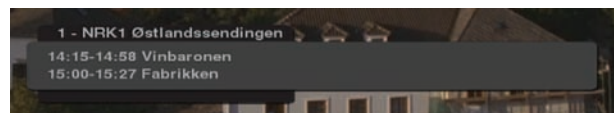
You can make settings for country, time zone and daylight saving. Shift between options using the << and >> buttons.



Info banner settings

When switching to another program, a small banner with program info will shortly appear. You can choose between time settings of either 3, 6 or 10 seconds:

Menu → settings → general settings → banner



14. Access Control

Parental lock

You can lock a channel this way:

Menu → settings → general settings → access control → lock/unlock channels

The actual channel list opens to the right.

Move back and forth between channel lists using the green and the blue buttons.

Choose a channel and confirm to activate the lock using the **OK** button.

A locked channel can only be opened with a PIN code.



PIN Code

Maximum T-541 VA has a preset PIN Code which is 0000. You can choose your own code by entering other digits. You will be asked to confirm your code by entering the digits once again:

Menu → settings → general settings → access control → change PIN

Lock/Unlock Menu

You can lock your timers and menus like this:

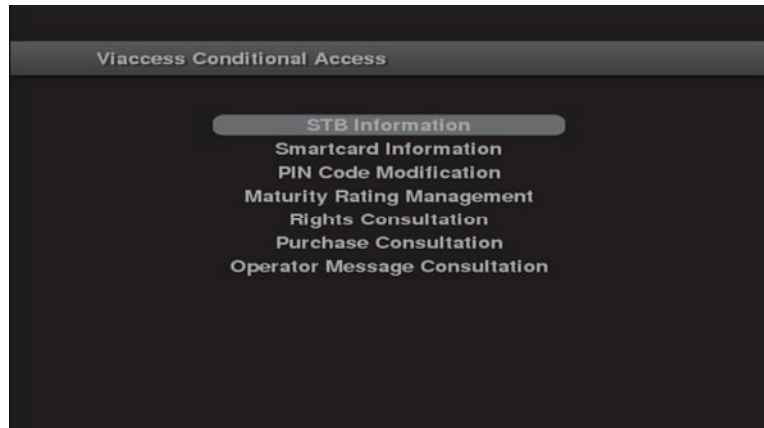
Menu → settings → general settings → access control → lock/unlock menu

You deactivate the menu lock using the << and >> buttons.

Access to locked menus and settings will only be allowed after providing a PIN code.

15. Program card

Check the status of your program card



Menu → Settings → Conditional Access

Conditional Access is an overview of the program card:

- Subscription status
- Tokens Status
- Event status
- Messaging
- Change CA PIN
- Maturity Rating
- About Viaccess CA


16. Software Updates

Updates

One of our objectives in the development of Maximum T-541 VA has been to create a menu system that is easy to use. It is a high quality software, and in case we need to update, the updates can be run automatically.

You can also choose to update software manually like this:

Menu → settings → software Update

Confirm update using the  button.

Wait a few seconds and you will get a message concerning the latest updates.

Maximum T-541 VA has an automatic updating service within the default setup



17. Reinstall

You have the option to start all over again and reinstall all channels. Be aware however, that it means that all your settings will be erased:

Menu → settings → general settings → reinstall

A warning will appear informing that all channels and your favourite settings will be erased.

In case you still want to proceed enter the pincode 1234, press the >> button and confirm using the **OK** button.



18. System Information

You can find technical specifications here:

Menu → settings → system information

Remote Control Unit



TV - Go to TV mode

RADIO – Go to radio mode

Standby – Start the receiver / go to standby

TV – Go to text-TV mode

EPG – Show EPG info.

SRC – Quick choice

BACK – Watch last channel or one step back in the menu

EXIT – Exit the menu

MENU – Open the menu

OK – Show program list or confirm in the menu

P+ / P- Up / down in the menu – up down in the channel list

<< / >> Next or previous in the menu.

V+ / V Volume up / down

MUTE Mute

Play pause & Stop No function

I Information

0-9 Number keys

Shortcut buttons (Red, Yellow, Green and Blue) Used for menu navigation

19. FAQ

No signal:	Check the antenna and the cable.
Picture/sound is missing:	Problems with connection – check the SCART/HDMI plug.
Picture freeze:	Check the antenna
Encrypted channel:	Enter PIN code
Remote Control failure:	Check the batteries Make sure that the TV is connected, and check that there is no obstruction between the remote control and the receiver. Be sure you point the remote control directly at the front panel.
It does not work in an adjacent room:	Antenna signal is too low. Try to connect directly to antenna.

20. Technical specifications:

Tuner & demodulator	
RF Input connector	IEC-169-2 female
RF Frequency range:	47 - 862 MHz
Input impedance:	75 ohm unbalanced
IF frequency:	36.0MHz
Demodulation:	QAM16/32/64/128/256
Symbol rate	1-10 Msps
A/V decoding	
Transport stream	MPEG-2 ISO/IEC 13818 Transport stream specification
Profile Level	MPEG-4 (MPEG-2 <u>MP@HL</u> , H.264 MP and HP level 4.1)
Input rate	max 100 Mbit/s
Aspect ratio:	4:3, 16:9
Resolutions:	576i, 576p, 720p, 1080i
Audio decoding:	MPEG layer I & II, AAC
Sampling rate:	32, 44.1 and 48 kHz
Memory	
CPU:	STI7101
Flash memory:	4 Mbytes
DDR memory:	96 Mbytes
Connectors	
Video:	HDMI, SCART
Audio:	L/R analogue, SPDIF (coax)

UK - ENGLISH



**Correct disposal of this product
(electrical and electronic equipment)**

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

