Fte®
maximal

MAX S123 HD

4000

Digital Satellite Receiver

SAFETY PRECAUTION

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to "dangerous voltage" and to prevent from a risk of electric shock.

WARNING: To reduce the risk of electric shock, don't open the cabinet. Refer servicing to qualified personnel only.

The exclamation point within an equilateral triangle is intended to alert the user to important operating and maintenance (servicing).

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Warning:
-The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Do not place naked flame sources, such as lighted candles on the apparatus; otherwise, there is the danger of fire.
- The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the unit. If you are not sure of the type of power supply (for example: 120 or 230V) to your home, consult your local dealer or local power company.
- Do not open the cabinet or touch any parts in the inner mechanism. Consult your local dealer for technical service if the opening is required.
- The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- Take attention to the environmental aspects of battery disposal. The battery of remote control should not be exposed excessive heat such as sunshine, fire or the like.
- Maintenance man must use the appointed screw in the rear plate.
- Ensure a minimum distance of 5 cm around the apparatus for sufficient ventilation.
- Ensure that the ventilation is not impeded by covering the ventilation openings with items such as newspapers, table-cloths, curtains, etc.
- Use the apparatus only in moderate climates (not in tropical climates).
- Do not open the cabinet to avoid the unit direct exposure to radiation.

Unit Cleaning: After the unit power is turned off, you can clean the cabinet, panel and remote control with a soft cloth lightly moistened with a mild detergent solution.
Attachments: Never add any attachments and/or equipment without the manufacturer consent; as such additions may result in the risk of fire, electric shock or other personal injury.
Locating: Slots and openings in the cabinet are provided for ventilation to protect it from overheating. Do not block these openings or allow them to be blocked by placing the STB on a bed, sofa or other similar surface, nor should it be placed over a radiator or heat register.
Power-Cord Protection: Place the power-supply cord out of the way, where it will not be walked on. Please take special attentions to cords at plugs, convenience receptacles and the point where they exit from the unit.
Object and Liquid Entry: Never put objects of any kind into this STB through openings, as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill any liquid on the STB.
Note: Moisture may be formed inside the unit in the following conditions:
When the unit is suddenly moved from a cold environment or an air-condition room to a warm place.
Immediately after a heater has been turned on.
In a steamy or very humid room.
If the moisture forms inside the unit, it may not operate properly. To correct this problem, turn on the power and wait about two hours for the moisture to evaporate.
Parts Replacement: When the unit parts need to be replaced, user should make sure the service technician use the replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized replacement may put the unit in the risk of fire, electric shock or other hazards.
Safety Check: After all the maintenances and repairs are done, user is required to request the service technician to conduct the overall safety check to ensure the machine is in the proper condition.

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⚠ In order to download the complete user's guide and get more information about receivers, please visit the website http://www.ftemaximal.com

QUICK INSTALLATION GUIDE

Follow next steps for the correct installation of this receiver.

STEP 1: OUTPUT VIDEO CONFIGURATION

In order to correctly visualise the reception signal on TV, you must configure the format and mode of the video output.

- Video output mode: In order to get a correct visualization of the image we recommend:

1. In case you make the connection to your Tv by the means of "Tv scart" output, select "SD" video output

2. In case you make the connection to your Tv by the means of "HDMI" output, select "HD" video output.

- Output format. You will be able to select among the following formats:

1. In case SD video output is selected, you will be able to select AUTO, PAL or NTSC format.

2. In case HD video output is selected, you will be able to select among the following formats: AUTO, TV, 480I, 480P, 576I, 576P, 720P_50, 720P_60, 1080I_25, 1080I_30, 1080P_50, 1080P_60, 1080P_25, 1080P_30 or 1080P_24.

STEP 2: CONNECTIONS

The coaxial cable, with satellite signal, must be connected to the "IF IN" connector. The "HDMI" or SCART connector must be connected to the TV set.

Screw the WiFi antenna on the USB adapter. Make sure it is well screwed as far as it will go, to not lose sensitivity.
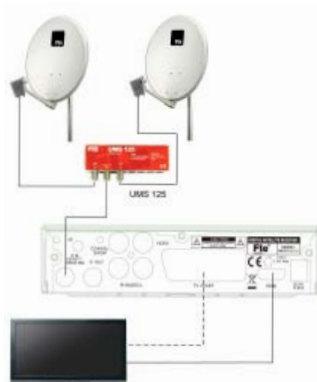
Connect the WiFi Dongle in the "USB" port in order be able to open the internet menu.

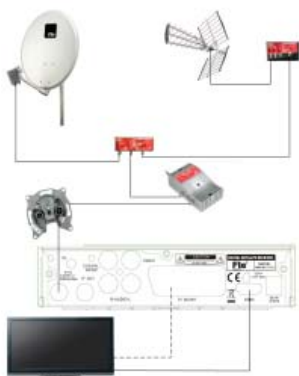Turn the WiFi antenna orientating it vertically upwards.

Depending on the type of installation, the receiver should be connected and configured following next examples.

Example 1 – Basic System

Example 2 – DISEqC switches

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Example 3 – Combined with terrestrial

Example 4 – Dongle wifi connection

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IMAGE 1

STEP 3: BASIC CONFIGURATION OF THE RECEIVER

The receiver includes an installation assistant (Quick Setup) that will help you to setup the different parameters.

When the receiver is turned on at first time, the next menu is shown on the TV (Image 1):

The receiver is programmed with all the channels of Astra (at position 1 of the DISEqC), Hotbird (at position 2 of the DISEqC), Hispasat (at position 3 of the DISEqC) and Turksat (at position 4 of the DISEqC). If your installation is different to this case, please follow installation steps to search the channels.

In order to move through the different options of this menu, please use the keys [⬥ ⬦] of your remote control. If a "Short circuit on the LNB" message is shown on the TV, please check the connections before continuing the installation.

Menu Language: press [⬥ ⬦] to select languages. The selection of languages include: English, German, French, Spanish, Italian, Portuguese, Turkish, Russian, Polish, Dutch, Arabic and Farsi.

First Audio: Some channels offer more than one audio language. This function allows you to set the preferred audio language for those channels using [⬥ ⬦]. If a channel offers the same audio language as the "First Audio" you set the system will play this audio language as default. If the channel does not offer this audio language then the system will compare the offered languages with the second audio language. The selections of audio languages include: English, German, French, Spanish, Italian, Portuguese, Turkish, Russian, Polish, Dutch, Arabic and Farsi.

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Second Audio. If the channel has no audio language that corresponds with "First Audio" but with "Second Audio" the system will play the second audio language as default. If no audio language corresponds with the "Second Audio" then the default language of the current channel will be played instead. The selections of audio languages include: English, German, French, Spanish, Italian, Portuguese, Turkish, Russian, Polish, Dutch, Arabic and Farsi.

LNB Power. Here you can set the power output to the LNB. If your receiver is connected to the LNB directly then you need to set the LNB Power to "On". If your receiver is connected to a multi switch (SMATV signal distribution system) then it may be that you don't need to provide the power to the LNB. But since this is depending on the kind of installed distribution system we recommend you to contact your installer or to refer to the user manual of this system to get the correct information.

Single search. You can edit the following items (Image 2):
1. Satellite: Press [◄ ►] to switch Satellites or press [OK] to enter satellite list to select directly.
2. DiSEqC1.0 4Port: Use [◄ ►] to switch the options of DiSEqC switches.
3. On "TP Index" item use [◄ ►] to select the desired transponder.
4. In the "FTA Only" item, press [◄ ► to select to scan only free channels or even scrambled channels. If you select "Yes" it will scan free channels only.
5. In "Scan Channel" item, press [◄ ►] to select to scan TV + Radio Channels, or just TV channels or just Radio channels.
6. In "Scan Mode" item you can select "Auto Scan" to blind scan, "Preset Scan" to scan all preset transponders or NIT search.
7. Move the highlight to "Search" and press [OK] button to start scanning. Bars are showing the progress of the channel scanning in the lower part of the window and the found channels are listed.
You can stop the scan with [Exit] and save the so far found channels.
8. Press [Exit] to exit this menu. A window to confirm the changes will appear.

Multi search. You can edit the following items (Image 3):
1. On "FTA Only" item, press [◄ ►] to select scanning of all channels or just scanning of free channels. If you select "Yes" it will scan free channels only.
2. On "Scan Channel" item, press [◄ ►] to select the scanning range from TV + Radio Channels, only TV channels or only Radio channels.

IMAGE 2

IMAGE 3

3. On "Scan Mode" item, you can select "Auto Scan" to make a blind scan, "Preset Scan" to scan all preset transponders of the selected satellites or NIT search.

4. Select "Search" and press [OK] to start scanning. In the lower part of the window the progress of scanning and the found channels are displayed.

5. Press [Exit] to cancel or finish the scanning and saving the found channels.

Main Menu. Selecting this option, the main menu will appear on the TV.

IMAGE 4

STEP 4: TIME CONFIGURATION

It is recommended to setup the clock before starting to enjoy the receiver, because correct time maybe is required by some applications. Please complete following options:

Press the [Menu] key of the remote control for appearing the main menu. Select the "System Setup" option and confirm pressing [OK].

Once in the "System Setup" option, please select "Local Time setting" option and press [OK]. Select "Time" option and press [OK]. Image 5 is watched on the TV. For setting up the time, please complete:

1. GMT Usage: this option will allow you to select if the date and time will be introduced manually (GMT Usage: Off) or if you wish to introduce the offset respect GMT manually (GMT Usage: On).

2. GMT Offset: If GMT Usage is On, the offset respect GMT has to be configured depending on your region or country. Use the [◄ ►] keys to choose the offset. Remember that the offset values are between -12:00 and +12:00

3. Summer time: this option is only available when "USE GMT" is enabled. Use [◄ ►] to switch on/off the summer timetable.

4. Date / Time: In order to introduce manually the time and date. Before these values can be modified, the automatic control of GMT has to be turned off.

NOTE: If the current channel provides the correct time information, you will see the current time after you entered "Time" menu. If the channel doesn't provide time information, you have to input the date and time information manually. The most channels support the time signal.

5. Time display: Use [◄ ►] to switch on/off this option. When the option is enabled, the time will be displayed at the TV in a frame in the top right margin.

6. Press [Exit] to exit the menu.

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IMAGE 5

IMAGE 6

IMAGE 7

STEP 5: INTERNET CONFIGURATION

Press the [Menu] key of the remote control for appearing the main menu. Select the "Internet" option and confirm pressing [OK].

1. Once in the "Internet" menu, please select "WiFi manager" option and press [OK]. IMAGE 5 is watched on the TV. Now the receiver searches for WiFi connections and shows the available wireless networks.

- Pressing [Red] button the list is refreshed.

- Use the keys [▲▼] to select the network you want to connect and press [OK] button.

A new window will appear (IMAGE 6).

- If your WiFi network is encrypted, enter the password pressing [Ok] on the "Key" option. A new window will appear to enter the key. Once you have writed the password press [Blue] button to save it.

- Select "Connect" option and press [OK] to start the connection to network, or select "Cancel" option and press [OK] to abort.

2. Go to the "Internet" menu again, select "TCP/IP Setting" option and press [OK]. IMAGE 7 is watched on the TV.

- DHCP: Use [◄ ►] keys to switch between "On" (All settings will be configured automatically by the network) or "Off" (All network settings in this window must be configured manually).

- Select "Apply" option and press [OK] to save changes.

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	Channel

———— TV Channel List: This option shows the list of TV stored channels.

———— Radio Channel List: This option shows the list of Radio stored channels.

———— Channel Setup: This option allows setting the receiver to start in a predefined channel.

———— Favourite Channel List Name: It allows changing the name of the favourite groups.

———— Delete All: This option deletes all TV and Radio stored channels.

	Installation

———— Antenna connection: It allows choosing the type of installed antenna, between fixed, motorized and Unicable.

———— Antenna Setup: It allows to configure Antenna parameters.

———— Satellite List: This option shows all the stored satellites. This list can be modified.

———— TP List: This option shows all the stored TP. This list can be modified.

———— Single Satellite Search: This option allows search for the channels of one satellite.

———— Multi Satellite Search: This option allows search for the channels of various satellites.

———— TP Scan: This option allows search for the channels of one TP.

———— Satellite Guide: After introducing some data, this application allows to know which orientation and elevation should be the antenna.

	System Setup

———— Language: This option allows choosing the language of the menus.

———— TV System: This option allows choosing the video Standard and other parameters of the screen.

———— Time & Timer Setting: Timer setting menu.

———— OSD Setting: This option allows configuring the subtitles of the channel information.

———— Parental Lock: In this option, user can lock the access to the menu and change the password of the receiver.

———— Power setting: Activate or deactivate the automatic Standby option after 3 hours, turns on or off the LNB power or enable / disable Low Power Consumption mode.

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Tools

Information: Shows all the technical information for the selected channel.

Quick Setup: The installation assistant will be loaded.

Factory Setting: This option resets the receiver and loads the factory default values.

Software Upgrade: For updating your receiver through USB or satellite (OTA) and also for making backup of the information of the receiver in a USB device.

Remove USB device safely: Allows remove USB device of safety way.

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Media Management

Media List: Multimedia Player.

Disk Information: You can see the capacity of the hard disk.

Internet

TCP/IP Setting: Allows to configure IP settings.

WiFi Manager: Allows to select the WiFi network from a list.

Weather: Weather information.

Internet radio: For listening to the Internet radio.

FTE radio: List of German radio stations.

Internet video: For playing some internet videos.

Flickr: For displaying internet images.

NOTE: In the area of Internet video, there is offered some Adult content. This area is specially secure. Please change the default password in the Parental Lock menu of the System Setup menu.

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1. Panel & Remote Control Description

2. Basic Operations

3. Channel

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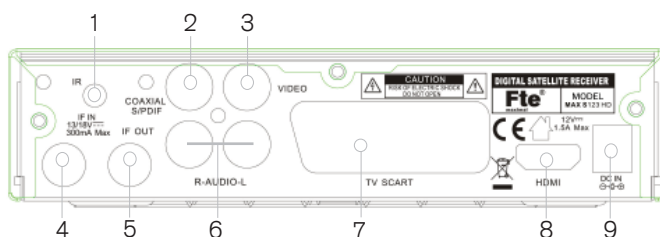
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1. PANEL & REMOTE CONTROL DESCRIPTION

1.1. FRONT PANEL DESCRIPTION

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1. POWER / STANDBY LED: Switches the receiver on, or enters standby mode. / Shows if the receiver is in Standby mode (when LPC mode is ON).
2. CH+/CH-: Changes channels or controls the cursor in menus.
3. IR-SENSOR: Reception sensor for the IR remote control signals.
4. DISPLAY: 4 Digits to display the program numbers.
5. USB: Connector for external USB 2.0 HighSpeed devices or for Wifi Dongle.
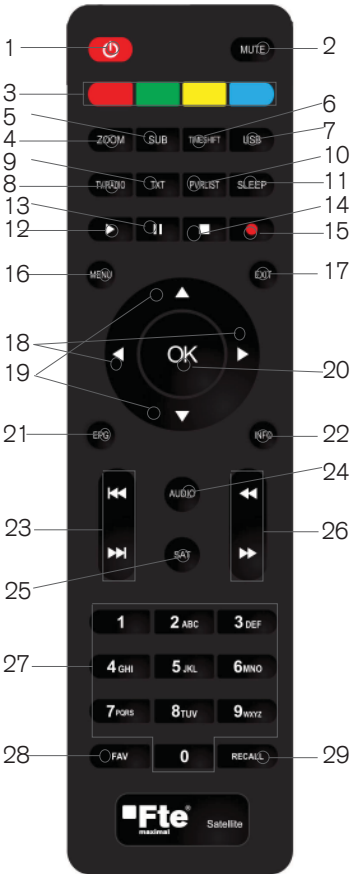
1.2. REAR PANEL DESCRIPTION

1. IR-SENSOR: External IR sensor. *(Optional accessory, code SPX409)*
2. COAXIAL S/PDIF: Coaxial output for digital audio (AC3).
3. VIDEO: Video output for external monitor, TFT or video beamer.
4. IF IN: Satellite input. Max. 300mA
5. IF OUT: Satellite output for cascading to other devices.
Note: The operation of another receiver at the same time is only possible with limited channel selection.
6. AUDIO: Audio output for home audio systems.
7. TV SCART: Output SCART for the connection to a TV set.
8. HDMI: HDMI output for connecting to a TV.
9. DC IN: 12 VDC connection (power supply).

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1.3. REMOTE CONTROL DESCRIPTION

ENGLISH

1. POWER: Switches receiver ON or in stand-by-mode.
2. MUTE: Switches audio on and off.
3. Color Keys: Controls menu options.
4. ZOOM: Zoom function.
5. SUB: Switches subtitle on and off.
6. TIMESHIFT: *Without function currently.*
7. USB: Opens the multimedia process menu.
8. TV/R: Switches between TV and Radio channels.
9. TXT: Opens and closes teletext.
10. PVR LIST: *Without function currently.*
11. SLEEP: It opens the Sleep Timer menu.
12. PLAY: Start / Stop button for media files.
13. ‖ (Pause): Pause button for media files.
14. STOP ⬛ : Stop button for media files.
15. REC ⬤: *Without function currently.*
16. MENU: Opens the main menu.
17. EXIT: Exit menus or stop operations.
18. ◀ ▶: Adjusts audio volume or controls the cursor in menus.
19.- ▲ ▼: Changes channels or controls the cursor in menus.
20.- OK: Confirms selections or opens channel list.
21. EPG: Shows the EPG information.
22. INFO: Shows channel information with signal bar.
23. |<< / >>| : Jump back / Jump next.
24. AUDIO: Opens audio menu.
25. SAT: It shows the satellite list.
26. << / >>: Backward / Forward button for media files.
27. NUMERIC KEYS: For direct typing values and names.
28. FAV: Opens favourite channel list.
29. RECALL: Watch the last viewed channel.

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2. BASIC OPERATIONS

? FREQUENTLY ASKED QUESTION

Q: The power of my STB is on and it is running in TV mode but the TV screen shows nothing:

A: Make sure the TV set has been set to the correct video input (not the TV channels). For example, if you have connected the STB to the Video1 input of the TV set, then you need to select the corresponding Input on the TV. Mostly it is done with the AV button of the TVs remote control unit.

Q: My STB is running in TV mode but the TV screen shows nothing except one ball and "No Signal".

A: That means the channel you selected has no signal. This can be caused by several reasons:

1. The channel you selected is not from the satellite to which your dish is pointing. Select another channel.

2. The signal of current TV channel is too weak. You can try to change to other channels with a stronger signal. If the problems still exist, please consult your local dealer or installer for technical service.

3. You selected the wrong LNB type in the installation menu or your DiSEqC switch configuration is not correct.

2.1. STANDBY

1. Press [Power] button to switch from TV mode to Standby mode.

2. In Standby mode press [Power] button again to switch back to TV mode. The last active channel will be showed.

OSD 1

2.2. TTX

1. Press [TXT] button in TV mode to open the teletext page (OSD 1). This service is depending on the support of the channel provider.

2. If the channel does not support teletext information, it will show "No Teletext Data" on the screen.

2.3. MUTE

1. Press the [Mute] button to mute the sound. On the screen an icon will be displayed to indicate the muted sound (OSD 2).

2. Press the [Mute] button again to restore the sound.

OSD 2

2.4. CHANNEL NUMBER

In TV mode you can enter the channel number directly with your remote control unit and confirm the number with the OK button to change to the desired channel.

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All Satellites

1 Das Erste HD
2 ZDF HD
3 SAT.1
4 kabel eins
5 VOX
6 RTL Television
7 ProSieben
8 RTL2
9 SUPER RTL
10 KiKA HD

— SAT — Find

OSD 3

2.5. CH +/ CH -
In TV mode press [▲ ▼] to change channel.

2.6. TV/RADIO
In TV mode, press [TV/R] to switch to Radio mode. In Radio mode press [TV/R] again to switch back to TV mode.

2.7. VOL+/VOL-
In TV mode, press [◄ ►] to adjust volume.

2.8. EXIT
Press [Exit] button to exit the current menu.

OSD 4

2.9. MENU
Press [Menu] button to enter or exit the current menu.

2.10. RECALL
Pressing the [Recall] button allows you to toggle between the actual and the last selected channel.

2.11. CHANNEL LIST
In TV mode press [OK] button to open the Channel List window.
Reduced Channel List (OSD 3):
You can use [▲ ▼ ◄ ►] keys to navigate this list.
1. Press [Yellow] button to open the SAT list. After selecting a satellite the channel list will be reduced to the channels of this satellite.
2. Press [Blue] button to open the "Find" window (OSD 4). You can use this feature to find channel by their names.
3. Once the desired channel is selected, press [OK[to change and display the marked channel.

OSD 5

2.12. EPG
1. The STB supports Electronic Program Guides (EPG) to give you information about the actual programs of certain channels like event name, subtitle, description, start and finish time. This feature is depending on the service of the channel provider. Press [EPG] to open the EPG window (OSD 5).
2. Press the [INFO] button in the EPG menu to display the detailed information of the actual event in the selected channel (OSD 6).
3. With the [Red] button you can program a timer with the start and finish time and date of this event. (To program a recording, the event does not have to be started).
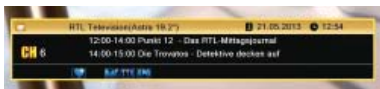
OSD 6

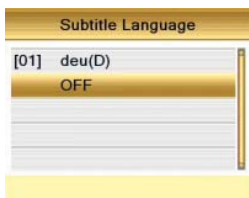rev 1.1

Fav group 1

1 Das Erste HD
2 ZDF HD
3 SAT.1
4 kabel eins
5 VOX
6 RTL Television
7 ProSieben
8 RTL2
9 SUPER RTL
10 KiKA HD

SAT — Find

OSD 7

Audio

Stereo

ger (104)
ger (106)[Dolby D]

OSD 8

OSD 9

ZOOM X16

OSD 10

Subtitle Language

[01] deu(D)
OFF

OSD 11

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4. Press the [Yellow] button to show the EPG information in 24 hours time.
5. Press the [Green] button to show again the EPG information from the last 24 hours.
6. To close the EPG menu press [Exit].

2.13. FAVOURITES
1. In TV mode press the [FAV] button to display the Favourite Group window on the screen as the picture beside shows (OSD 7).
2. With [▲▼] you can select different Favourite Group.
3. In the Favourite Group window you can select the desired favourite channel with [▲▼] and confirm it with [OK] to switch to it. In bigger groups you can navigate with [◄►].
4. Press [Exit] to close the Favourite Group window.

? FREQUENTLY ASKED QUESTION
Q: Why the screen displays "No Favourite Channel" after pressing the [Favourite] button?
A: No channels have been assigned to a Favourite Group yet. You can do this in the channel menu.

2.14. AUDIO TRACK / MODE
1. In TV mode, press the [Audio] button to open the Audio Mode window (OSD 8).
2. Select the item you want to adjust with [▲▼] and change the value with [◄►].
3. Press [Exit] to leave this window.

2.15. INFORMATION
In TV mode, press [Info] button can open information screen (OSD 9), in the window shows the parameters of current channel.

2.16. ZOOM
1. Press [Zoom] button in TV mode to zoom the image. Image can be augmented x16 times (OSD 10).
2. Press [Exit] to exit this function.

2.17. SUBTITLES
1. In TV mode, press [Sub] button to open the Subtitle Mode window (OSD 11).
2. Select the item you want to adjust with [▲▼] and change the value with [◄►] depending on the provider information.
3. Press [Exit] to leave this window.

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OSD 12

2.18. LNB SHORT
When LNB is short, it will notify user on screen "LNB Short!" (OSD 12). Please check your cables and connections for shorts. When the short is removed the warning message will disappear.

2.19. USB
It opens directly the Media management menu.

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OSD 13

OSD 14

3. CHANNEL

Press [Menu] in the TV mode to enter the main menu (OSD 13).
1. Press [▲ ▼] to select the Channel item.
2. Press [OK] to enter the selected item.
In the Channel menu (OSD 14):
3. Press [▲ ▼] to select the wanted menu item.
4. Press [OK] to enter the selected item among.
- TV Channel List
- Radio Channel List
- Channel setup
- Favourite channel list name
- Delete All

3.1. TV CHANNEL LIST

If you enter the Channel List menu a window like the one besides will open (OSD 15).
1. You can move the highlighted channel with [▲ ▼] and press [OK] to preview the highlighted program in the preview window.
2. Press [Pup/Pdw] on the RCU to jump between the channels by pages.
3. Press [◄ ►] to switch the Program Group.
4. The colour buttons offer further functions to manage the channel list.
5. Press "Menu" to leave this menu.

OSD 15

3.1.1. FAVOURITE

1. Press [FAV] to open the Favourite window (OSD 16).
2. You can select between 32 favourites groups with [▲ ▼]. Press [OK] to assign the channel to a Favourite group.
3. Press [OK] again to remove the channel from the marked Favourite group.
4. Press [Exit] button to return to the TV Channel List. The channels of Favourites Groups are indicated with a favourite icon behind the name.

OSD 16

3.1.2. MOVE

To move channels: Pushing the [Red] button, you will see a picture like OSD 17.
- Move the channel to the desired position with [▲ ▼]. Press [OK] to confirm the position.

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OSD 18

OSD 19

OSD 20

OSD 21

OSD 22

3.1.3. SORT

1. Press [Green] to open the Sort window (OSD 18). Press [▲ ▼] to select and [OK] to confirm your choice.
2. The ways of sorting are:
- Name (A-Z): Sorting in Alphabetical Order, ignoring "$" symbol.
- Name (Z-A): Sorting in Alphabetical Order, ignoring "$" symbol.
- FTA: Sort channel by free and scrambled sequence. Free channels will be listed first and scrambled channels behind in the channel list.
- Lock: Unlocked channels are listed first end locked channels at the end.

3.1.4. EDIT

1. After pressing the [Yellow] button a window for entering the password will open. The default password is "0000".
2. You can Delete, Skip, Lock and Edit the channel (OSD 19).
3. Press [Exit] to leave the Channel Editing. The system will ask you to confirm the saving of the changes you made.

3.1.4.1 DELETE

In Channel Edit menu press [Red] button to mark a channel for deleting.
A confirmation of deleting one or all channels from the list is displayed (OSD 20):
- Please, confirm pushing the [Red] button to select the channels one by one. Only the selected channels will be deleted.
- Confirm pushing the [green] button to select all the channels from the list.
Marked channels (OSD 21) will be deleted after you confirm to save the changes when you leave this menu.

3.1.4.2 SKIP

In Channel Edit menu, press [Green] button to place a Skip icon behind the name of the highlighted channel. Marked channels (OSD 22) will be skipped when you change channels in TV mode after you confirm to save the changes when you leave this menu.

3.1.4.3 LOCK

In Channel Edit menu, press [Yellow] button to place a Lock icon behind the name of the highlighted channel. Marked channels (OSD 23) will be locked and displayed only after password has been entered if you confirm to save the changes when you leave this menu.

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OSD 23

OSD 24

OSD 25

OSD 26

OSD 27

3.1.4.4 RENAME

In "TV Channel List Edit" menu, pressing the [Blue] button you can enter edit box like below (OSD 24): After modification, move highlight to "OK" item and press [OK] key can save the modified value and exit "Edit" mode. Otherwise, press [Exit] key can exit "Edit" mode and won't save any modification.

3.1.5. FIND

1. Press [Blue] button to open the "Find" window like showed besides (OSD 25). Press [▲ ▼ ◄ ►] to select the leading character of the channel name and press [OK] to confirm it.
2. After entering the character(s) highlight "OK" in the window and press [OK] on the RCU.
3. Press [Exit] button to close the Find window and brings you back to the channel list.

3.2. RADIO CHANNEL LIST

Basically the operation of "Radio Channel List" is same as "TV Channel List", except that in the small channel window the Univers Logo will be displayed (OSD 26).

3.3. CHANNEL SETUP

When you enter the "Channel Setup" menu you will see a screen like (OSD 27):

3.3.1. START-UP CHANNEL

Press [OK] to enter "Start-up Channel" menu to see the screen like (OSD 28):
1. If you set of "Boot on Channel" to "On" you can edit the following two items. If the setting is "Off" the box always starts with the channel that was running when the box has been switched off.
2. On the "Mode" item you can select either "TV channel" or "Radio channel".
3. On "Start-up Channel" item you can open the channel list by pressing [OK]. Then you can select the channel of you choice. Press [OK] again to confirm.

3.3.2. CHANNEL PLAY TYPE

Press [OK] to enter "Channel Play Type" menu (OSD 29).
1. Here you can select the "playing channels" as "Free", "Scrambled" or "All".
2. If you select "Free" then all scrambled channels will be skipped when you change channels with [CH+/-].
3. Press [Exit] to leave the "Channel Setup" menu.

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OSD 28

OSD 29

OSD 30

OSD 31

OSD 32

3.4. FAVOURITE LIST NAME

In this menu, user is able to change the name of the Favourite Groups. Press [OK] to enter this menu and you will see a screen like beside (OSD 30).

To change the name of the Favourites Groups:

1. Press [▲ ▼] and select a Favorite Group.

2. Press [Ok] button to edit the name of the Group.

3. Once the name is correct, select "Ok" option and confirm pressing [OK] (OSD 31).

4. If the name is used by other group, an alert message will appear on the TV.

5. Select "Exit" and press [OK] to leave this menu.

3.5. DELETE ALL

To delete all channels:

1. A safety question will show up where you have to confirm first (OSD 32).

3. Select "Yes" to delete all channels or "No" to cancel and confirm with [OK].

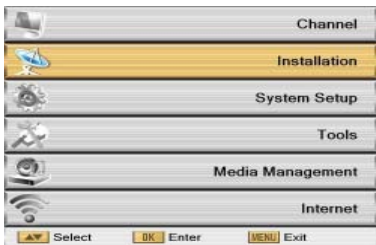4. Pressing [Exit] will exit the function directly without saving.

? FREQUENTLY ASKED QUESTION

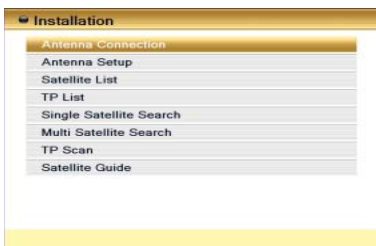*Q: IF I incautiously delete all channels, what should I do?*

A: There are three ways to restore:

- To re-search all channels at the "Installation" menu.

- Use "Factory Default" function to restore all channels in the "Tools" menu. The receiver will load the factory channels.

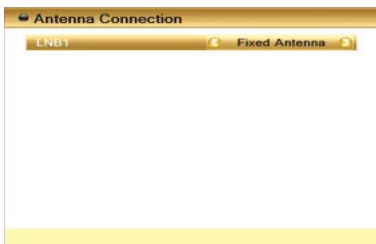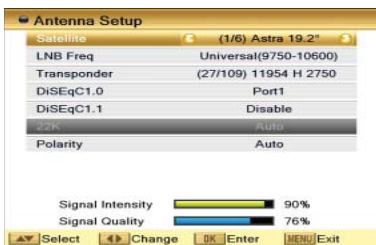*- Using the option of the tool menu "updating software" "Backup USB".*

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OSD 34

4. INSTALLATION

Press [Menu] in the TV mode to enter the main menu (OSD 33).
1. Press [▲ ▼] to select the Installation item.
2. Press [OK] to enter the selected item.
In the Installation menu (OSD 34):
3. Press [▲ ▼] to select the wanted menu item.
4. Press [OK] to enter the selected item among.
- Antenna connection
- Antenna Setup
- Satellite List
- TP List
- Single Satellite Search
- Multi Satellite Search
- TP Scan
- Satellite Guide

4.1. ANTENNA CONNECTION

When you enter the "Antenna connection" menu you can see a window like the one beside (OSD 35).

1. LNB: Press the arrows [◄ ►] on the remote to select the "Motor Antenna" option in case you have an installation with an engine *. If you do not have an engine, choose "Fixed Antenna". If you have an Unicable installation choose "Unicable (SAT-CR)**.**

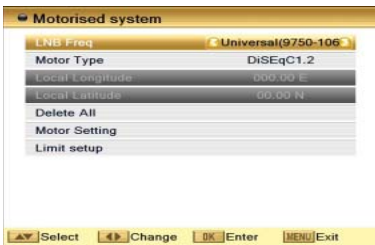2. Press [Exit] to exit this menu.

OSD 35

* This receiver does not allow moving DiseqC motors
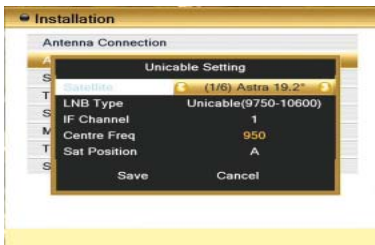
4.2. ANTENNA SETUP

Depending on how the "Antenna Connexion" section is configured, it will allow configuring different parameters:

(Fixed Antenna) (OSD 36):

- Satellite: Press [◄ ►] to switch Satellites or press [OK] to enter satellite list to select directly.

- LNB frequency: Use [◄ ►] in order to change among "Universal", a specific "Polarity and Band" or a specific frequency of the local oscillator.

- On "Transponder" item use [◄ ►] to select the desired transponder.

- DiSEqC1.0: Use [◄ ►] to switch the options of DiSEqC switches.

- DiSEqC1.1: Use [◄ ►] to switch the options of DiSEqC1.1 switches.

- 22K: Use [◄ ►] to switch "ON" and "Off". The 22 kHz signal is used in KU Universal LNBs to change between low band and high band. After choosing LNB type "Universal" you

OSD 36

OSD 37

OSD 38

OSD 39

OSD 40

OSD 41

cannot modify 22K.
- Polarity: Press [◄ ►] to switch between "Auto / H / V".

(Motorized Antenna ***)** (OSD 37):
- LNB Freq: Use [◄ ►] n order to change among "Universal" or a specific frequency of the local oscillator.
- Motor Type: Press [◄ ►] to select between DiSEqC1.2 and GOTO-X".
- Local Longitude: Geographic length of your position.
- Local Latitude: Geographic latitude of your position.
- Delete all: Deletes all the satellite positions saved.
- Motor Setting: It allows configuring all the engine positions.
- Limit Setup: It allows configuring the East and West position of the engine.
* This receiver does not allow moving DiseqC motors

(Unicable (SAT-CR)) (OSD 38):
If you have an Unicable installation that allows you to distribute a satellite signal through a unique cable up to 8 receivers as maximum, in this menu option you can configure the receiver.
- Satellite: Press [◄ ►] to switch Satellites. (FIXED)
- LNB Type: Press [◄ ►] to switch among "Unicable(9750-10600" and "Unicable(10200)"
- IF Channel: Channel of the receiver if it belongs to an Unicable installation. Select with [◄ ►] keys the numbers from 1 to 8.
- Central Frequency: With [◄ ►] keys choose the frequency of a channel in an Unicable system.
- Sat Position: Press [◄ ►] to switch among "A" and "B".
Each receiver of the Unicable system must have a channel and frequency different from the rest.
- Press [Exit] to save the changes.

4.3. SATELLITE LIST
When you enter the "Satellite List" menu you can see a window like the one beside (OSD 39):
1. Move through the satellite list using [▲ ▼].
2. Press [Red] button to enter edit satellite menu (OSD 40). You can edit the satellite's name and its longitude. Once you have edited the satellite, confirm with [Yellow]. If you prefer to exit without saving the changes press [Blue].
3. Press [Green] button to open the "Add satellite" window. You can edit the satellite's name and its longitude. Once you have edited the satellite, select "Save" option and confirm with [Yellow]. If you prefer to exit without saving the changes press [Blue].
4. After pressing [Blue] button you will be asked "Are you sure to delete?" (OSD 41). Select "Yes" to delete the marked satellite. Select "No" to cancel the operation.

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OSD 43

OSD 44

OSD 45

OSD 46

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4.4. TP LIST

When you open the "TP List" menu you will see a window like the one beside (OSD 42).

1. Press [◄ ►] to change the marked satellite. Press [▲ ▼] to change the marked TP.

2. Press [Red] button to open the "Edit TP" menu (OSD 43). Here you can edit the Transponder's data like frequency, polarity and Symbol Rate. If any of the TP of the list have tuned and stored channels into the receiver, the following three options "Frequency", "Symbol Rate" and "Polarity" will not be able to be edited.

It means that the parameters cannot be modified by error neither loosing the stored channels when any value of the data base is changed.

In case of any value, for example the Symbol Rate of a TP, has been modified by the provider and the receiver has these channels tuned, the TP must be deleted (it will delete all the channels of this TP), create it again with the correct data. In this window, the search of the channels of the TP can be done selecting the "Search" option and pressing [OK].

3. Press [Green] button to open the "Add TP" menu (OSD 44). Here you can add a new TP and setup its parameters like frequency, polarity and Symbol Rate. In this window, the search of the channels of the TP can be done selecting the "Search" option and pressing [OK].
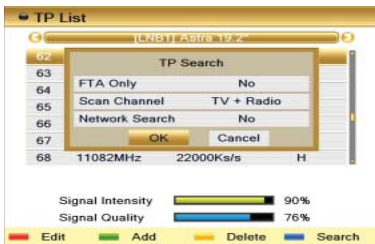
4. Press [Yellow] button will open a dialog box asking you to confirm the deletion of the current TP (OSD 45). If you select "Yes" all the related channels will be deleted. If you select "No" the operation will be cancelled.

5. Press the key [Blue] to make a searching of the selected TP. When selecting this option a new window will appear, here you will be able to configure the following parameters (OSD 46):

- On "FTA Only" item, press [◄ ►] to select scanning of all channels or just scanning of free channels. If you select "Yes" it will scan free channels only.

- On "Scan Channel" item, press [◄ ►] to select the scanning range from TV + Radio Channels, only TV channels or only Radio channels.

- Network Search: If you select this option as "No", the receiver will search the selected TP. In case you select "Yes", the NIT (Network Identification) will be identified and the receiver will automatically search all the TP of this network.

- Press [OK] to start scanning.

- On the "TP Search" item, press [Exit] to cancel the scanning and saving the found channels.

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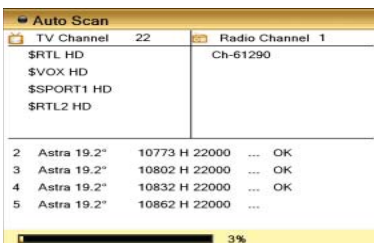
OSD 48

4.5. SINGLE SATELLITE SEARCH

After selecting Antenna Setup another window will be opened (OSD 47).

You can edit the following items:

1. Satellite: Press [◀ ▶] to switch Satellites or press [OK] to enter satellite list to select directly.

2. DiSEqC1.0: Use [◀ ▶] to switch the options of DiSEqC switches.

3. On "TP Index" item use [◀ ▶] to select the desired transponder.

4. In the "FTA Only" item, press [◀ ▶] to select to scan only free channels or even scrambled channels. If you select "Yes" it will scan free channels only.

5. In "Scan Channel" item, press [◀ ▶] to select to scan TV + Radio Channels, or just TV channels or just Radio channels.

6. In "Scan Mode" item you can select "Auto Scan" to blind scan , "Preset Scan" to scan all preset transponders or "NIT Search" (the NIT (Network Identification) will be identified and the receiver will automatically search all the TP of this network).

7. Move the highlight to "Search" and press [OK] button to start scanning. Bars are showing the progress of the channel scanning in the lower part of the window and the found channels are listed (OSD 48).

You can stop the scan with [Exit] and save the so far found channels.

8. Press [Exit] to exit this menu. A window to confirm the changes will appear.

OSD 49

4.6. MULTI SEARCH

When you enter the "Multi Search" menu a window like the one beside will open (OSD 49).

1. On "FTA Only" item, press [◀ ▶] to select scanning of all channels or just scanning of free channels. If you select "Yes" it will scan free channels only.

2. On "Scan Channel" item, press [◀ ▶] to select the scanning range from TV + Radio Channels, only TV channels or only Radio channels.

3. On "Scan Mode" item, you can select "Auto Scan" to make a blind scan , "Preset Scan" to scan all preset transponders or "NIT Search" (the NIT (Network Identification) will be identified and the receiver will automatically search all the TP of this network).

4. Select "Search" and press [OK] to start scanning. In the lower part of the window the progress of scanning and the found channels are displayed.

5. Press [Exit] to cancel or finish the scanning and saving the found channels.

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4.7. TP SCAN

When you enter "TP Scan" menu a window like the one beside will be displayed (OSD 50):

1. On "Satellite" item, press [◄ ►] to select the satellite you want to scan or press [OK] to open the satellite list for selection.
2. On "TP Index" item use [◄ ►] to select the desired transponder.

If any of the TP of the list have tuned and stored channels into the receiver, the following three options "Frequency", "Symbol Rate" and "Polarity" will not be able to be edited.

It means that the parameters cannot be modified by error neither loosing the stored channels when any value of the data base is changed.
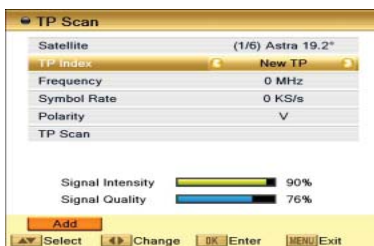
In case of any value, for example the Symbol Rate of a TP, has been modified by the provider and the receiver has these channels tuned, the TP must be deleted (it will delete all the channels of this TP), create it again with the correct data, and to carry out a new search of the TP.

In this item you can also add TP.

- Press [Red] button to add a new TP (OSD 51). You have to set the parameters of "TP Frequency", "Symbol Rate" and "Polarity" for this new transponder. Therefore use the number buttons of the RCU. The available range are "3000~13450 MHz" and "1000~45000KS/s".

OSD 51

For transponders you also can use number buttons to modify the parameters of "TP Frequency" and "Symbol Rate" or [◄ ►] to change the value directly. "Polarity" and "Scan Mode" are used for setting scans conditions. Press [◄ ►] to select a different mode. Polarity: Press [◄ ►] to switch between "Auto / H / V".

3. Press [OK] to start scanning.
4. On the "TP Scan" item, press [Exit] to cancel the scanning and saving the found channels.

4.8. SATELLITE GUIDE

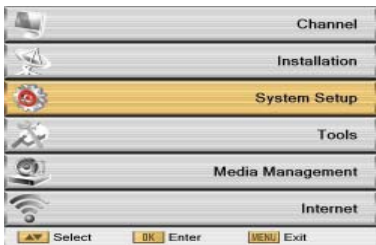When you enter "Satellite Guide" menu, you will see the screen like beside (OSD 52).

Here you can enter your local longitude and latitude and the satellite's longitude. The receiver calculates the antenna's azimuth and elevation to point your antenna to the selected satellite.

1. Use the [Number] buttons to input the values of "Local Longitude", "Local Latitude" and "Satellite Longitude".
2. Press [◄ ►] buttons to select east or west in "Local Longitude" and "Satellite Longitude" or to select north or south in "Local Latitude".
3. Highlight the "Start" item and press [OK]. In the lower part of the window the corresponding values for the antenna setting are displayed (OSD 63).
4. Orientation means the angle between south and satellite.
5. Press [Exit] to leave this feature

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OSD 53

OSD 54
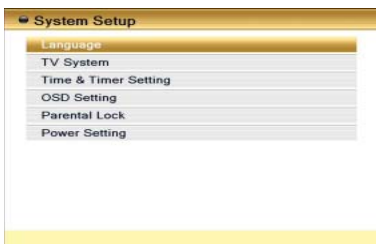
OSD 55

OSD 56

5. SYSTEM SETUP

Press [Menu] in the TV mode to enter the main menu (OSD 53).

1. Press [▲ ▼] to select the System Setup item.
2. Press [OK] to enter the selected item.

In the System Setup menu (OSD 54):

3. Press [▲ ▼] to select the wanted menu item.
4. Press [OK] to enter the selected item among.

- Language
- TV System
- Time & Timer Setting
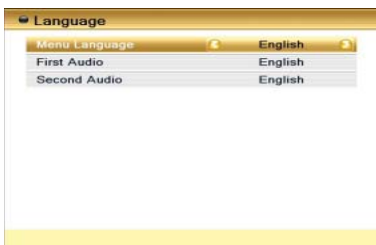- OSD Setting
- Parental Lock
- Power setting

5.1. LANGUAGE

After selecting the "Language" menu you will see a window like beside (OSD 55):

1. Language: press [◄ ►] to select languages. The selection of languages include: English, German, French, Spanish, Italian, Portuguese, Turkish, Russian, Dutch, Arabic and Farsi.
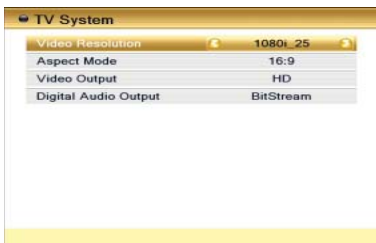
2. First Audio: Some channels offer more than one audio language. This function allows you to set the preferred audio language for those channels using [◄ ►]. If a channel offers the same audio language as the "First Audio" you set the system will play this audio language as default. If the channel does not offer this audio language then the system will compare the offered languages with the second audio language. The selections of audio languages include: English, German, French, Spanish, Italian, Portuguese, Turkish, Russian, Dutch, Arabic and Farsi.

3. Second Audio: If the channel has no audio language that corresponds with "First Audio" but with "Second Audio" the system will play the second audio language as default. If no audio language corresponds with the "Second Audio" then the default language of the current channel will be played instead. The selections of audio languages include: English, German, French, Spanish, Italian, Portuguese, Turkish, Russian, Dutch, Arabic and Farsi.

4. Press [Exit] to return back from "Language" menu.

5.2. TV SYSTEM

When you enter the "TV System" menu you will see the screen like below (OSD 56):

1. Display Mode is used to switch the display mode. You can select from AUTO, TV, 480I, 480P, 576I, 576P, 720P_50,

720P_60, 1080I_25, 1080I_30, 1080P_50, 1080P_60, 1080P_25, 1080P_30 or 1080P_24 in HD mode and Auto, PAL or NTSC in SD mode. Press [◄ ►] to select the desired mode.

2. Aspect Mode is used to switch the screen aspect ratio mode. You can select from Auto / 4:3 PS / 4:3 LB / 16:9. Press [◄ ►] to select the needed mode.

3. In video output you can choose, by the means of [◄ ►] keys, the video output mode: SD or HD. We recommend selecting HD mode when the connection is made by HDMI, if on the contrary it is made by scart cable, we recommend selecting SD mode.

4. Digital Audio Out: It will allow you to select the type of audio digital output. Options: LPCM Out / BitStream Out. If you connect this output to a device with Dolby digital, select BitStream Out option.

5. Press [Exit] to close the "TV System" menu.

5.3. TIME & TIMER SETTING

When you enter "Timer " "Local Time Setting" or "Sleep Timer" a menu with three items will be opened (OSD 57). Use [▲ ▼] to select between the three options and confirm with [OK].

OSD 57

5.3.1. TIMER

Select "Timer" item and press [OK] to enter the "Timer list" menu (OSD 58).

The current time will be displayed in the first column. If the current time is incorrect, please modify it with the [Number] buttons at the "Time" menu.

1. Timer Number: You can press [◄ ►] to set the Timer number. There are totally 8 timers.

2. Timer Mode: Select how often the timer is running: Once, Daily, Weekly, Monthly and Yearly. Or switch the timer off.

3. Timer Type: You can choose between "Play TV" / "Play Radio" (that way, you will assign the alarm function to a concrete TV or Radio channel) , "Message" (creating a text message that will appear on the screen) .

OSD 58

4. "Play TV" / "Play Radio" option: if you select this option, the following fields of the image will be shown in order to be configured (OSD 59).

- Start channel: Press [OK] to open the channel list and select the channel you want to watch.
- Start date: Introduce using the numerical keys on the remote control the date on which you want to activate the alarm service.
- On time: Introduce using the numerical keys on the remote control the time on which you want to activate the alarm service.

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- Length: Settle the length of time you want the receiver to keep one channel. Once it is finished, the receiver will be settled in StandBy. If you do not want the receiver to be settled on Stand-By, you have to configure the length to 00:00.

Note: If the date/ start time is prior to the current date/hour, a warning message will be shown and you have to change the date/start time.

5. Message option: If you select this option, the following image fields will be active in order that you can configure them (OSD 60).

- Wakeup message: Use the keys [◄ ►] to select the text you want to appear on the screen

- Wakeup date: Introduce using the numerical keys on the remote control the date on which you want to activate the service.

- On time: Introduce using the numerical keys on the remote control the time on which you want to activate the service. Automatically, a message will be shown although the receiver is ON or in Standby.

Note: If the date/ start time is prior to the current date/hour, a warning message will be shown and you have to change the date/start time.

6. Press [Exit] to leave the "Timer" menu.

Note: If the receiver is in stand-by, and Low Power Consumption mode is active, the receiver will switch on 1 minute before the programmed event.

OSD 60

5.3.2. LOCAL TIME SETTING

When you select "Local Time Setting" and press [OK] then you will see a window like the one beside (OSD 61):

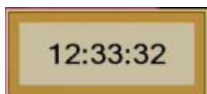1. GMT Usage: This item is used to set the time by using the time signal from the satellite. Press [◄ ►] to change the setting.

2. The "GMT Offset" item is only available when "GMT Usage" is set to "On". Press [◄ ►] to set the "GMT Offset" value. With every time you press the button the time offset will be increased / decreased by half an hour.

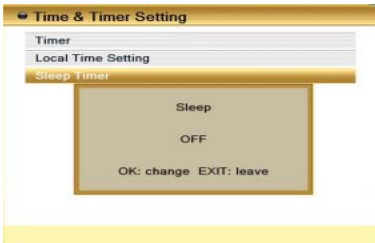3. Summer time: this option is only available when "USE GMT" is enabled. Use [◄ ►] to switch on/off the summer timetable.

4. "Date" and "Time" items are only available when the "GMT Usage" is set to "Off". Press [◄ ►] to select one item and use number buttons to input time and date directly.

NOTE: If the current channel provides the correct time information, you will see the current time after you entered "Time" menu. If the channel doesn't provide time information, you have to input the date and time information manually. The most channels support the time signal.

5. Time Display: Use [◄ ►] to switch on/off this option. When the option is enabled, the time will be displayed at the TV

OSD 61

OSD 62

OSD 63

in a frame in the top right margin (OSD 62).
6. Press [Exit] to exit the menu.

5.3.3. SLEEP TIMER

Press [OK] button in this option to set the sleep timer. Pressing [OK] button again you can choose between "OFF,10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110 120. (OSD 63)
If you set a sleep time, the system will change to Standby mode after the chosen time period.

OSD 64

5.4. OSD SETTING

When you select "OSD Setting" you will see a screen like beside (OSD 64):

1. OSD Timeout: This setting determines the duration the info window is displayed on the screen when you change channels. Press [◄ ►] to set the time between 1 to 10 seconds.

2. Position: To define the position of the information's bar (top/bottom).

3. OSD Transparency: With this parameter you can set the transparency of the menus. Press [◄ ►] select the value between 10%, 20%, 30%, and 40% and "NO" (means no transparency function).

4. Display Setting: When you enter this option, you will see a screen like (OSD 65). It allows configuring these parameters: Brightness, Contrast, Saturation, Hue and Sharpness.
Press [▲ ▼] to select the parameters and use [◄ ►] to change the values.

5. Load OSD Setting Default: If you want to reset your OSD settings to the default settings then select this item and press [OK].

OSD 65

6. Press [Exit] button to leave the "OSD Setting" menu.

OSD 66

5.5. PARENTAL LOCK

You can set a password for anyone who wishes to operate the "Installation" menu. You can also set the password to lock channels. Below you find how to set and change the password.

1. On "Parental Lock", press [OK] to open a dialogue box and input the password. After you entered the correct password, you will see a screen like beside (OSD 66):

2. Menu Lock: If Menu Lock is set to "Yes" then you need to enter the password every time you want to open then menu. If it is set to "No" then you can open the menu without entering the password first.

3. Channel Lock: If set to "Yes" then you need to enter the password before you can see those channels which have been marked as locked channels in the Channel menu. If it is set to
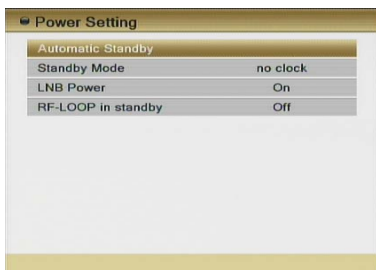
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"No" then even those channels can be selected without entering the password first.

4. New menu password: The password of the installation menu access can be modified You should do this after you set up the receiver the first time and every time when you think that your password is known by unauthorized persons. To change the password, enter the new password in the "New Password" item and repeat the same one in the "Confirm Password" item. If the passwords are not identically then you will see a warning message. If you entered the same new password in both fields then you will see the message "Saving Data, Please Wait…". From now on you need to use the new password to open locked menus or locked channels.

New channel password: The password of the channels access can be modified.

NOTE: The password by default in both cases is "0000"

5. Press [Exit] to leave the "Parental Lock" menu.

OSD 67

5.6. POWER SETTING

When you select this option, you will see a screen like beside (OSD 67):

1. Automatic standby: In this option you can program the automatic turning off of the receiver (OSD 68).

The programming can be made after a period of time between 1 and 10 hours, with 1 h. intervals. The default time is 3 hours.

-On: The receiver will be in standby mode automatically after this time, as long as during this time no commands have been sent to the receiver through the remote control or buttons of the front panel, and no programmed timers are run.

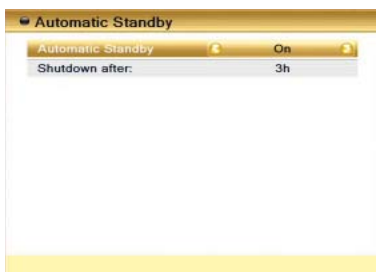-Off: Auto standby function gets deactivated.

2. Standby mode: In this option you can select "with clock" (the receiver shows the clock in the display in standby mode) or "no clock" (nothing is showed in the display in standby mode).

3. LNB Power: If your receiver is connected to the LNB directly then you need to set the LNB Power to "On". If your receiver is connected to a multi switch (SMATV signal distribution system) then it may be that you don't need to provide the power to the LNB. But since this is depending on the kind of installed distribution system we recommend you to contact your installer or to refer to the user manual of this system to get the correct information.

OSD 68

You also just can change this setting and check if you still can receive the channels. If the LNB Power is off and you still can see all channels then we recommend this setting.

4. RF LOOP in standby: in this opcion you can enable "On" or disable "Off" the signal loop in the IF OUT output when the receiver is in standby mode.

5. Press [Exit] button to leave this menu.

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OSD 72

6. TOOLS

Press [Menu] in the TV mode to enter the main menu (OSD 69).
1. Press [▲ ▼] to select the Tools item.
2. Press [OK] to enter the selected item.
In the Tools menu (OSD 70):
3. Press [▲ ▼] to select the wanted menu item.
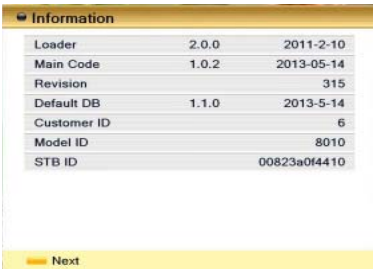4. Press [OK] to enter the selected item among.
- Information
- Quick Setup
- Factory Setting
- Software Upgrade
- Remove USB device safely

6.1. INFORMATION
1. When you select the "Information" menu you will see a screen like beside (OSD 71). The screen displays data about the current channel. This function is the same as the function [Info] in the full screen TV mode.
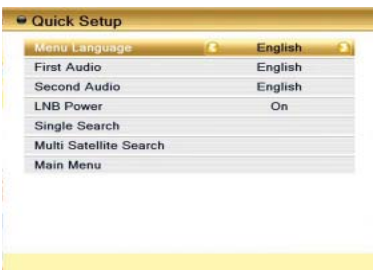2. Press [Exit] button to leave the information display.

6.2. QUICK SETUP
The receiver includes an installation assistant that will help you to setup the different parameters as you can see at OSD 72.
1. Menu Language: press [◄ ►] to select the language that will appear on the menus.
2. First Audio: Some channels offer more than one audio language. This function allows you to set the preferred audio language for those channels using[◄ ►].
3. Second Audio: Some channels offer more than one audio language. This function allows you to set the second audio language for those channels using[◄ ►].
4. LNB Power: If your receiver is connected to the LNB directly then you need to set the LNB Power to "On". If your receiver is connected to a multi switch (SMATV signal distribution system) then it may be that you don't need to provide the power to the LNB.
5. Single Search: Selecting this option and pressing [OK], you will access to the Antenna Setup menu.
6. Multi search: Selecting this option and pressing [OK], you will access to "Multi search" menu.

6.3. FACTORY SETTING
When you press [OK] on the "Factory Setting" item:
1. A dialogue box will occur where you need to enter the password.

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OSD 73

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2. After you input the correct password a warning message will be displayed like the one beside (OSD 73).

3. If you select "Yes" then all changes you made will be reset to default values. Make sure you really want to do this!

4. Press [Exit] in both steps will close the window without resetting the receiver.
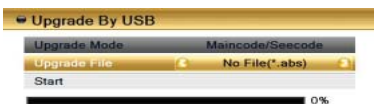
6.4. SOFTWARE UPGRADE

It is possible to make the updating of the receiver by the means of satellite (OTA), by the means of USB port or by network and it is also possible to make a backup of the information of the receiver in the USB device, connected as you can see in OSD 74.

6.4.1. UPGRADE BY USB

This option allows updating the software of the receiver with the received data from a USB memory device. To do it, connect a USB memory device to the receiver and accede to this menu option (OSD 75).

The last software version to be loaded must be placed at the root path of your USB device.

1. Upgrade mode: Select with [◄ ►], the mode of upgrading.

2. Update file: Select with [◄ ►], the name of the file to be loaded.

3. Select "Start" and press [OK]. An alert message appears indicating not to take out the memory device during the loading process.

4. Once the file has been loaded, it requires the conformity to end the upgrading process, writing into the receiver the upgrading. Press [OK] to upgrade the receiver (OSD 76). In case during the reading of the file, it is corrupted or it would be a not appropriated for this model of receiver, an alert message would appear "Error reading the USB disk".

5. After pressing [OK] the receiver will write into the Flash memory, and it will reboot to end the upgrading process.

For further information about the upgrading of the receivers, please visit http://www.universbyfte.com, in the chapter about upgrading receivers.

6.4.2. BACKUP TO USB

This option allows saving information of the receiver in the USB device or loading settings previously saved (OSD 77).

1. Channel list: Select with [◄ ►] between "load from USB" or "Write to USB".

2. Upgrade file: Select with [◄ ►], the name of the file to be loaded.

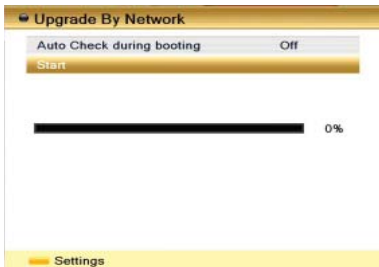3. select "start" and press [OK] in order to save the data.

OSD 78

OSD 79

OSD 80

OSD 81

6.4.3. S/W UPGRADE BY OTA
This function can upgrade the software of your receiver through data sent by a satellite. At the moment we offer satellite updates only through ASTRA1 satellite.

1. Select the satellite and TP or input the TP value and download PID.

2. Then mark "Start" and press [Enter] to begin the download of the upgrade (OSD 78). This may need up to 60 Minutes. Therefore we suggest using of this function only if you don't intent to watch TV during this time.

At the moment of writing this manual, the data for the software upgrade by Satellite is:
•Satellite: Astra
•TP Frequency: 12604 MHz.
•Symbol Rate: 22000
•Polarity: Horizontal
•Download PID: 1294

For changes in the data of the satellite please visit http://www.universbyfte.com .

6.4.4. CHANNEL LIST UPGRADE BY OTA
This function can upgrade the channel list of your receiver through data sent by a satellite. At the moment we offer satellite updates only through ASTRA1 satellite.

1. Select the satellite and TP or input the TP value and download PID.

2. Then mark "Start" and press [Enter] to begin the download of the upgrade (OSD 79). This may need up to 60 Minutes. Therefore we suggest using of this function only if you don't intent to watch TV during this time.

At the moment of writing this manual, the data for the software upgrade by Satellite is:
•Satellite: Astra
•TP Frequency: 12604 MHz.
•Symbol Rate: 22000
•Polarity: Horizontal
•Download PID: 1294

For changes in the data of the satellite please visit http://www.universbyfte.com .

6.4.5. UPGRADE BY NETWORK
This function can upgrade the software of your receiver through internet (OSD 80).

6.5. REMOVE USB DEVICE SAFELY
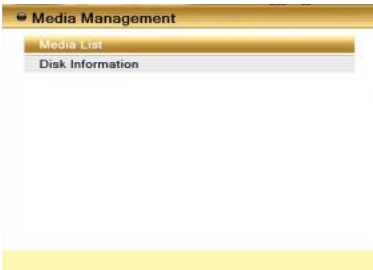In "Tools" menu, select "Remove USB Device safely",press "OK", to disconnect USB device of receiver (OSD 81).

OSD 82

OSD 83

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7. MEDIA MANAGEMENT

Press the key [Menu] on the remote control to go to the main menu (OSD 82).
1. Press the arrows on the remote control [⬆ ⬇] to settle the option of Media management.
2. Press [Ok] to enter the submenu Media Management
   In the submenu Media management (OSD 83):
3. Press the keys on the remote control [⬆ ⬇] to move to the different options on the menu.
4. Press [Ok] to go to the selected option on the submenu.
- Media List
- Disk Information

7.1. MEDIA LIST
In this menu option you can accede and manage the contents of the HDD previously copied from your computer (OSD 84).
Press [◄ ►] to shift along the different lists.
Press [Menu] button to Exit.

List of files

Options

OSD 84

Preview window of the selected file

Information about the selected file.

- CONTENT LISTS OF THE HARD DISK
These lists contain all the files of the HDD that you have copied previously from your computer.
The content is shown organized in the same folders you have created, and it can be shown in different manners in the following lists:
- All the files (ALL)
- Audio Files
- Images
- Video

OSD 85

Press the keys [⬆ ⬇] to move along the files and press [OK] to enter and exit of the folders or open a file or playlist.

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OSD 87

OSD 88

OSD 89

OSD 90

7.1.1. EDIT FILES AND FOLDERS

It allows you to manage the file or folder.
- Select the file or folder and press the [Red] button.
- New functions will appear:

-DELETE

1. Press the [Green] button to delete the file.

2. The deletion mark will appear after the name of the file (OSD 85).

4. The selected recording will be deleted once you confirm to save the changes when you exit the menu.

7.1.2. AUDIO PLAYER

1. Press [OK] over the file you want to play.

2. A Player will be opened as it is shown in the picture (OSD 86).

- [Red]: Pause / Play
- [Green]: Fast Rewind
- [Yellow]: Fast Forward
- [Blue]: Play Mode, only in case of playing the list with various files.
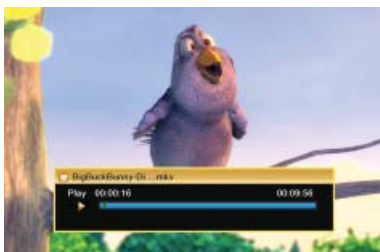- [◄ ►]: Volume control.

7.1.3. PICTURE VIEWER

1. Press [OK] over the file that you want to show.

2. The selected picture will be shown on the screen.

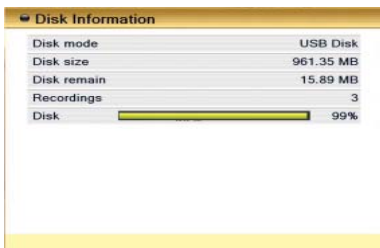All will be shown in "slide show" mode (OSD 87).

- With the [◄ ►] keys you can move to the last or following picture.
- You can rotate the picture with the buttons [▲ ▼].
- With the [►II] key you can make a pause or re-start the playing.
- With the [OK] key, you can configure the adjustments of the viewer. A new window will appear where you should configure some parameters (OSD 88):
  - Size of the pictures on the screen.
  - Time of viewing each picture on the screen.
  - Repeat: When the playlist finishes, it starts again.
  - Effect: Transition effects between picture and picture.
- With the [EXIT] key, you can leave the picture viewer.
- With the [FAV] key you can show or hide the options.

7.1.4. VIDEO PLAYER

1. Press the button [OK] over a video.
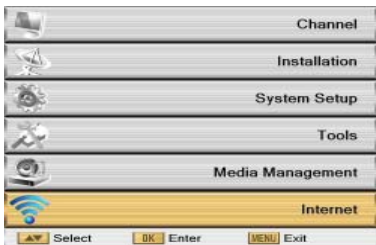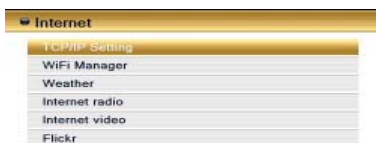
2. The fi le will be played on the screen. (OSD 89)

7.2. DISK INFORMATION

In the HDD information submenu you can see the capacity of the hard disk. You also see the free space available (OSD 90).
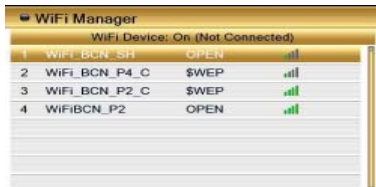
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OSD 92

OSD 93

OSD 94

OSD 95

8. INTERNET

Press the key [Menu] on the remote control to go to the main menu (OSD 91).
1. Press the arrows on the remote control [▲ ▼] to settle the option of Internet.
2. Press [Ok] to enter the submenu Internet. In the submenu Internet (OSD 92):
3. Press the keys on the remote control [▲ ▼] to move to the different options on the menu.
4. Press [Ok] to go to the selected option on the submenu.
- TCP/IP Setting
- WiFi Manager
- Weather
- Internet radio
- FTE radio
- Internet video
- Flickr

8.1. TCP/IP SETTING
In the "Internet" menu, select "TCP/IP Setting" option and press [OK]. (OSD 93) is watched on the TV.
- DHCP: Use [◄ ►] keys to switch between "On" (All settings will be configured automatically by the network) or "Off" (All network settings in this window must be configured manually).
- Select "Apply" option and press [OK] to save changes.

8.2. WIFI MANAGER
In "WiFi manager" (OSD 94) is watched on the TV.
Now the receiver searches for WiFi connections and shows the available wireless networks.
- Pressing [Red] button the list is refreshed.
- Use the keys [▲ ▼] to select the network you want to connect and press [OK] button.
A new window will appear (OSD 95).
- If your WiFi network is encrypted, enter the password pressing [Ok] on the "Key" option. A new window will appear to enter the key. Once you have written the password press [Blue] button to save it.
- Select "Connect" option and press [OK] to start the connection to network, or select "Cancel" option and press [OK] to abort.

8.3. WEATHER
In this menu option you can find weather information (OSD 96).
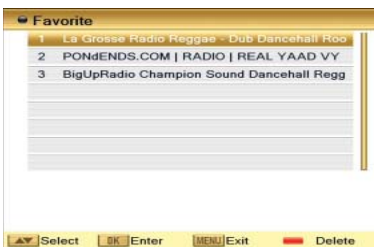1. Use the keys [◄ ►] to select the country and city

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OSD 98

OSD 99

OSD 100

desired.

2. Go to item "Start" and press [OK] to refresh the weather information.

8.4. INTERNET RADIO

When you enter the "Internet radio" menu you can see a window like the one beside (OSD 97). In this menu you have two ways of searching internet radio stations:

BY GENRE:

1. Use the keys [▲ ▼] to select "Genre" and use [◄ ►] keys to change it.

2. Once you have select the genre, select "Start" option just below with [▲ ▼] keys and press [OK].

3. One new window is opened showing the radio stations found (OSD 98).

4. Select a radio station from the list using [▲ ▼] keys and pressing [OK]. You will listen the radio selected.

BY KEYWORD:

1. Use the keys [▲ ▼] to select "Keyword" and press [OK].

2. A new window will appear to enter the keyword you want to search (OSD 99).

- Use the buttons [◄ ► and ▲ ▼] to write the characters of the keyword. Press [OK] to confirm the characters.

- After writing down the characters, select OK and press [OK] on the remote control.

3. Once you have entered the keyword, select "Start" option just below with [▲ ▼] keys and press [OK].

4. One new window is opened showing the radio stations found.

5. Select a radio station from the list using [▲ ▼] keys and pressing [OK]. You will listen the radio selected.

FAVORITE:

The receiver allows to save a favorite internet radio list.

1. Use the keys [▲ ▼] to select "Favorite" option. A favorite radio list is showed on screen (OSD 100).

2. Select a radio station from the list using [▲ ▼] keys and pressing [OK]. You will listen the radio selected.

To add internet radio stations to favorite list, press [FAV] touch when you are listening the internet radio station. A mark will appear as showed on OSD 101.

8.5. FTE RADIO

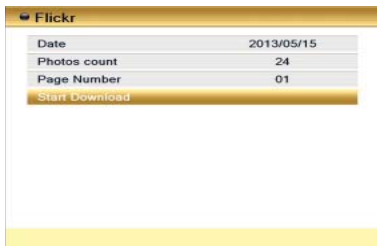List of radio stations broadcasting over the internet, sorted by regions of Germany.

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OSD 103

OSD 104

OSD 105

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8.6 INTERNET VIDEO

When you enter the "Internet video" menu you can see a window like the one beside (OSD 102).

1. Use the keys [▲▼] to select a video list and press [OK] to enter. A list of videos is shown on screen (OSD 103).

2. To see a video, select it with [▲▼] keys and press [OK]. The video file is played on screen.

3. Pressing the touch [Info] you can see information of video file.

⚠ NOTE: In the area of Internet video, there is offered some Adult content. This area is specially secure. Please change the default password in the Parental Lock menu of the System Setup menu.

8.7 FLICKR

With the Flickr menu you can search and display images of the Flickr site. Entering this menu you can see a window as (OSD 104).

8.7.1 DATE

With this option you can search images by date of creation (OSD 105).

1. Date: use the numbers on the remote control to introduce the date.

2. Photos count: use the numbers on the remote control to introduce the number of photos you want to display.

3. Page Number: use the numbers on the remote control to introduce the number of Flickr page you want to display.

4. Press [OK] in "Start Download" option to search the images. A new window will appear showing the images (OSD 106).

- Use arrow keys to select photos and [OK] to show in full screen mode. Press [Exit] key to return to menu.

- With colored keys you can change the size of photos on the screen.

8.7.2 RECENT

1. Press [OK] in this option to display last images created on Flickr site. A new window will appear showing the images.

- Use arrow keys to select photos and [OK] to show in full screen mode. Press [Exit] key to return to menu.

- With colored keys you can change the size of photos on the screen.

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OSD 108

OSD 109

OSD 110

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8.7.3 TAG SEARCH

With this option you can search images by Tag (OSD 107).

1. Use the keys [▲▼] to select "Keyword" and press [OK]. A new window will appear to enter the tag you want to search (OSD 108).

- Use the buttons [◄ ► and ▲▼] to write the characters of the tag. Press [OK] to confirm the characters.

- After writing down the characters, select OK and press [OK] on the remote control.

2. Hot Tags: pressing [OK] in this option, you will see on the screen a list with the most popular tags (OSD 109).

3. Press [OK] in "Start Download" option to search the images cointaining the tag selected. A new window will appear showing the images.

- Use arrow keys to select photos and [OK] to show in full screen mode. Press [Exit] key to return to menu.

- With colored keys you can change the size of photos on the screen.

8.7.4 SEARCH

With this option you can search images (OSD 110).

1. Keyword: Use the keys [▲▼] to select "Keyword" and press [OK]. A new window will appear to enter the keyword you want to search.

- Use the buttons [◄ ► and ▲▼] to write the characters of the keyword. Press [OK] to confirm the characters.

- After writing down the characters, select OK and press [OK] on the remote control.

2. Mode: select with [◄ ►] keys the category to search into.

3. Press [OK] in "Check Name" option to check if the keyword entered exists.

4. Press [OK] in "Start Download" option to search the images cointaining the tag selected. A new window will appear showing the images.

- Use arrow keys to select photos and [OK] to show in full screen mode. Press [Exit] key to return to menu.

- With colored keys you can change the size of photos on the screen.

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9. TECHNICAL SPECIFICATION

VIDEO	
Decoding	MPEG-2 SD&HD, MEPG-4 H.264/AVC SD&HD
Bit rate	Max.20 Mbps
Aspect ratio	4:3PS, 4:3LB, 16:9, Auto
Active pixel (Scart, RCA)	AUTO, 720 x 576 @25fps, 720 x 480 @30fps
Active pixel (HDMI)	AUTO, TV, 480I, 480P, 576I, 576P, 720P_50, 720P_60, 1080I_25, 1080I_30, 1080P_50, 1080P_60, 1080P_25, 1080P_30 or 1080P_24
Output connector	HDMI / Scart / RCA
AUDIO	
Decoding	MPEG-2/MPEG-1 layer I, II & III, Dolby Digital, Dolby Digital+
Mode	Mono, Dual, Stereo, Joint stereo
Bit rate	Max 384Kbps
Output connector	HDMI / Scart / RCA / Coaxial SPIDF
DEMODULATOR	
Demodulation	QPSK, 8PSK
Multiplexing	SCPC/MCPC
Outer code	RS (204, 188, 8)
Inner code	ALL DVB rates
Energy dispersion	DVB-S & DVB-S2 recommendation
INPUT SIGNAL	
Frequency	950MHz ~ 2150MHz
Input level	-65dBm ~ -25dBm
Channel bandwidth	36MHz
Input socked	F-type connector
LNB CONTROL	
Power supply	13/18V (300mA max) with short circuit protection
Polarized control	Polarized control 13/18V polarization (V/H)
DiSEqC control	DiSEqC1.0, DiSEqC1.1 and DiSEqC1.2, GoToX * *** This receiver does not allow moving Diseq motors**
Unicable System	Yes
MISCELLANEOUS	
USB Connector	USB 2.0
External IR connector	3,5 mm Mini-Jack. External sensor not included, (optional accessory, code SPX409)
Supply voltage	12V DC, 1,5A Max.
External power supply	100~240VAC~50~60Hz
Stand-by power consumption (Low Power Consumption mode)	< 0,5 watt
Power consumption	Max. 6 watts
Operation temperature	+5° to +40°
Storage temperature	-20° to +70°
Dimension (W x D x H)	160 x 140 x 45 mm
Weight	0.66 Kg

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"WE , FTE MAXIMAL, DECLARE THAT THE PRODUCT

MAX S123 HD

IS IN CONFORMITY WITH FOLLOWING DIRECTIVES

LOW VOLTAGE DIRECTIVE 2006/95/EC

EMC DIRECTIVE 2004/108/EC"

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