

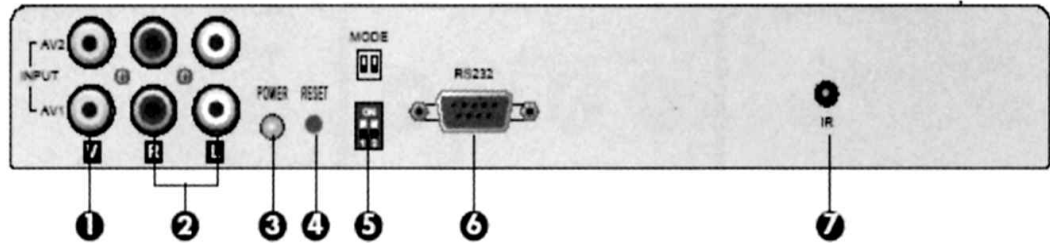
# Wireless Digital TV Receiver ID # 250



**Operation Manual**

## Product Overview

### Front Panel



#### 1 VIDEO INPUT

Video inputs from external device such as VCD or DVD

#### 2 AUDIO INPUT L/R

Audio inputs from external device such as VCD or DVD

#### 3 POWER LED

The green light is lit in power on mode

#### 4 RESET

To reset the device

#### 5 MODE

Viewing mode (On/On), Erase EEPROM (On/Off), software update (Off/On), PAL/NTSC/SECAM mode switch

#### 6 RS232

Connect to PC for updating software with RS232 cable 2 to 3 pin crossed

#### 7 IR SENSOR

For remote control focus point

**\*Mode :** 4 different modes. Each mode has different function.

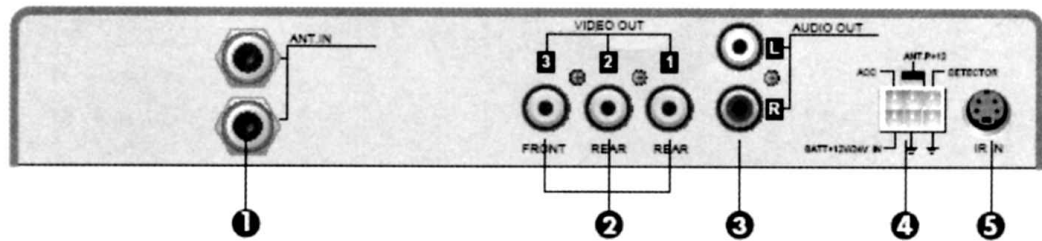
1	2	
ON	ON	Viewing mode
ON	OFF	Erase EEPROM mode (for EEPROM erasing)
OFF	ON	Loader mode (for software upgrade)
OFF	OFF	Change video output mode (for PAL/NTSC/SECAM mode switching)

#### Procedures:

- If OSD in video is in PAL mode
- set switch to OFF/OFF
- Reset or cycle the power

- OSD in video is in NTSC mode
- For changing NTSC to SECAM or SECAM to PAL mode, just do the same procedures.

## Rear Panel



### 1 ANTENNA IN

Connect to terrestrial TV aerial

### 4 DC IN/SC/ANT-POWER

DC 12V~24V power input, ACC, handbrake control, power antenna, ground

### 2 VIDEO OUT

Video output to external device such as LCD panel

### 5 IR IN

Infra-ray external cable connector

### 3 AUDIO OUT L/R

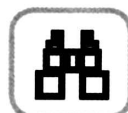
Audio output to external device such as LCD panel

## Setting from the Main Menu

1. press MENU key on the remote control to view the main menu on screen
2. Press < or > keys to select submenu
3. Press EXIT to quit.

## Submenu from the Main Menu

1. Select highlighted icon and press OK to enter the Submenu. Submenu will be shown on screen. From the submenu, you can adjust settings.
2. Press EXIT to return to the main menu



Channel View



Viewer's Preference



Installation



Box Setup



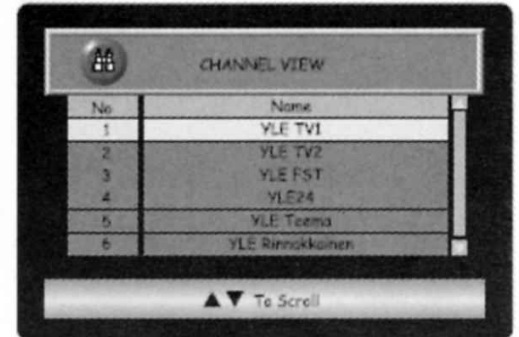
Signal Strength



Version

## Channel View

Channel View will show the list of channels. Press > key to view the information of this highlighted channel




## Viewers Preference

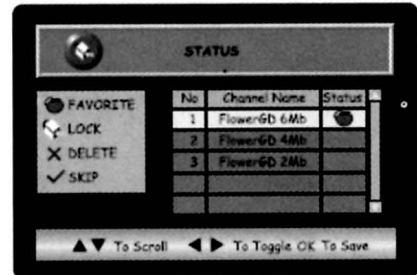
Viewers Preference will show the status of each channel. From the submenu you can move or swap the channel. You can view the status setting for each channel.




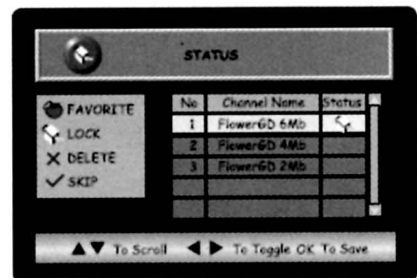
Move cursor to STATUS icon. Press OK to view the name of the program and channel status such as lock, favorite, delete or skip.




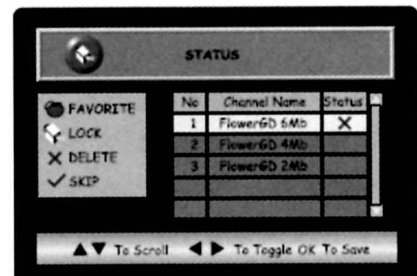
 means Favorite. You may press ◀▶ key on the remote control to set favorite channel.  
Press **OK** to confirm the setting.




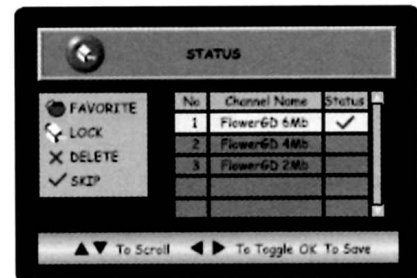
 means Lock. You may press ◀▶ key on the remote control to lock the channel.  
Press **OK** to confirm the setting.



 means Delete. You may press ◀▶ key on the remote control to delete the channel.  
Press **OK** to confirm the setting.



 means Skip. You may press ◀▶ key on the remote control to skip the channel.  
Press **OK** to confirm the setting.



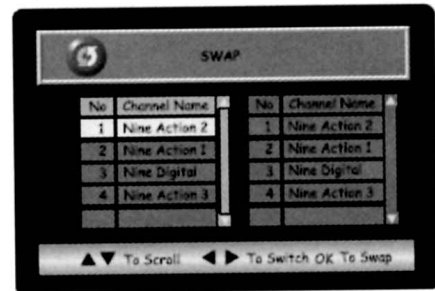
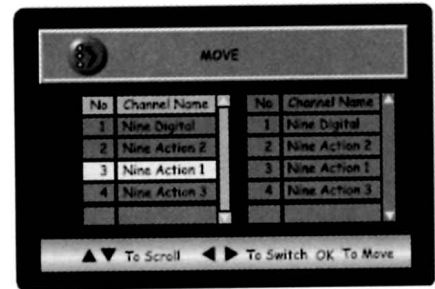
Move cursor to " **MOVE** " icon. There are two channel lists on screen.

To move order, you could select a channel on the left list then move cursor to the target channel number on the right list.

*(Ex. Select channel 3 on the left list then move cursor to channel 1 on the right list then press **OK** to confirm. The selected channel 3 is moved to channel 1)*

Move cursor to " **SWAP** " icon. There are two channel lists on screen. To swap two channels, you could select a channel on the left list then move cursor to the target channel on the right list that you want to swap.

*(Ex. Select channel 2 on the left list then move cursor to channel 3 on the right list. After pressing **OK**, channel 2 and channel 3 are swapped.)*



## Installation

Installation menu let you add, view, delete and autoscanner terrestrial carriers.



- Move cursor to " **ADD CARRIER** " icon.

Select the country you are in.

Select the channel number and the frequency will automatically calculate by system. Or you can enter the frequency directly.



Press **OK** to confirm the setting and to tune this new channel.

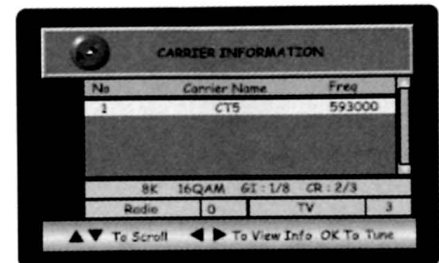


- Move cursor to " **CARRIER INFORMATION** " icon.



Under this menu, you can view carrier information or to re-scan this carrier after pressing **OK** button.

Use Arrow buttons to get more information as described at the bottom banner.

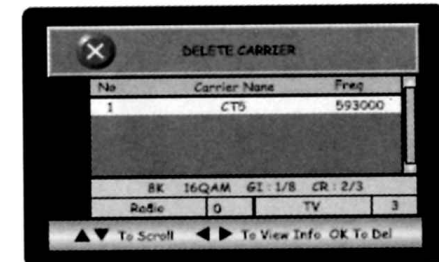


- Move cursor to " **DELETE CARRIER** " icon.



Select a carrier and press **OK** to delete.

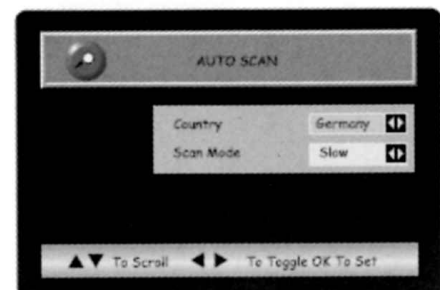
If this carrier is deleted, all the channels in this carrier will be deleted.



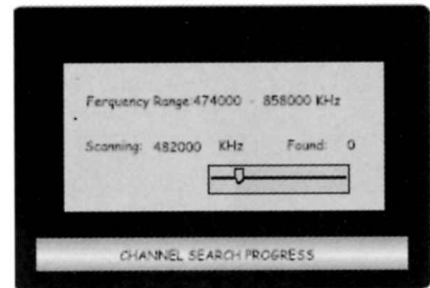
Fast Scan is a specific carrier scanning. It will tune a pre-loaded list of carriers.

Slow Scan will scan the full range of frequencies.

Press **OK** to start auto scan.



After auto scan is executed, the box is searching for channels.



## Box Setup

From Box Setup menu you can change TV settings, password setting, factory default, timer settings.



- Move cursor to " **TV SETTINGS** " icon. Under this menu, you can select language.

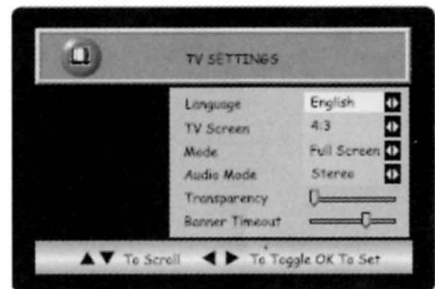
**TV Screen** provides 4:3, 16:9 and auto format.

**Mode** provides full screen, letter box and ignore.

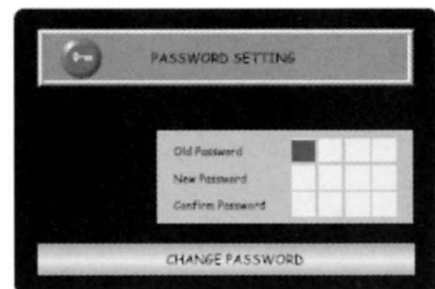
**Audio Mode** provides stereo, left and right.

**Transparency** is adjustable by moving the sliding bar.

**Banner Timeout** is adjustable by moving the sliding bar.

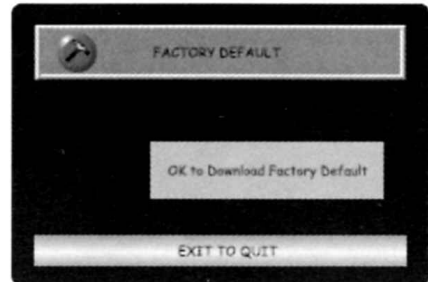


- Move cursor to " **PASSWORD SETTING** " icon.
- Under this menu, you can change your password from default password '0000'. Press **OK** to confirm new password.
- If you forgot your password, you can get into " **PASSWORD SETTING** " then press "9999" to reset password to default password "0000".

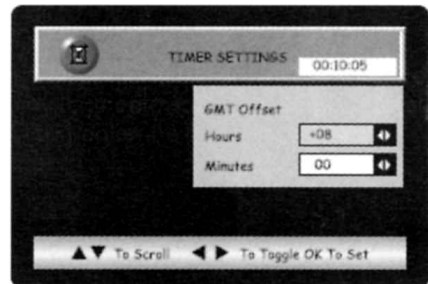




- Move cursor to " **FACTORY DEFAULT** " icon to download factory default.



- Move cursor to " **TIMER SETTINGS** " icon. Under this menu, you can set GMT offset. Use ▲▼ key to scroll the highlight bar. Use ◀▶ key to select option.

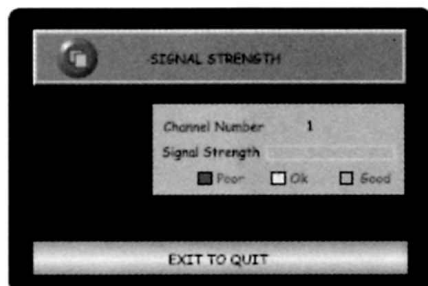


## Signal Strength

- Move cursor to " **SIGNAL STRENGTH** " icon

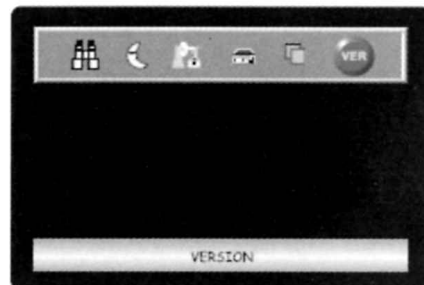


Under this menu, you can see the signal strength for reference. You can use this information to adjust your antenna direction.

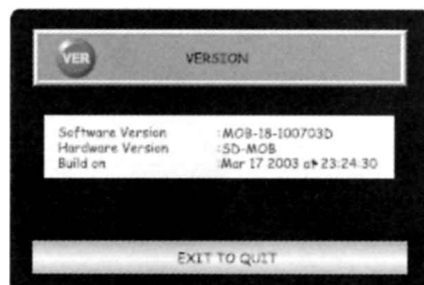


## “VER”:- Version

- Move cursor to “ **VER** ” icon.



- VER (VERSION).  
Select VER, you can see software and hardware versions.

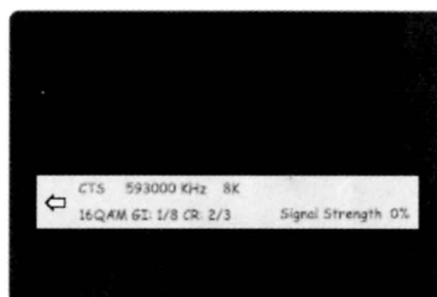
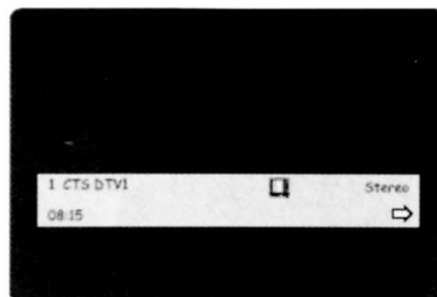


## INFO Key

The INFO key provides:-

- program number
- program name
- program flag(s) if any (lock, favorite)
- signal strength for current viewing program

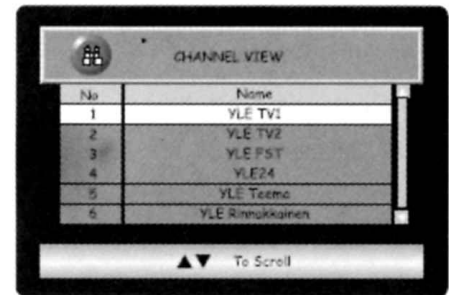
Press ► key to get more detail information on the current viewing program.



## HOT Keys

The HOT keys provide a list of Channels

Press ► key to get more detail information on the selected channel.



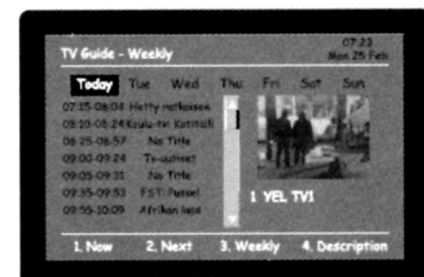
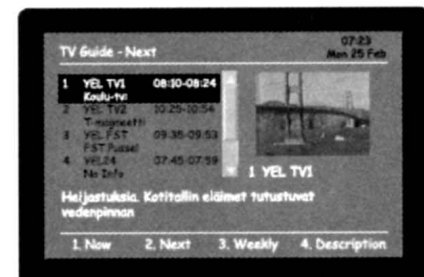
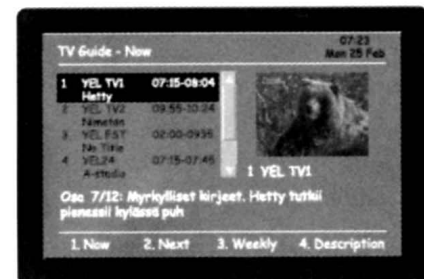
## EGB Key

The EGB key provides:-

Electronic Program Guide

Press 1,2,3,or 4 key to view.

- 1 - Current program name, start time, end time.
- 2 - Next program name, start time, end time
- 3 - Weekly program information
- 4 - Program detail description



## A/V Key

The A/V key provides:-

A/V key is a toggle key for TV or Audio mode selection.

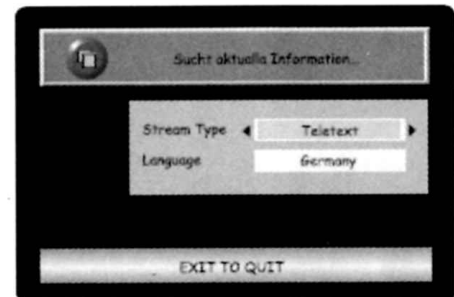
## DISP Key

### The DISP key Provides:-

- DVB-Subtitling (if programs provide)  
Select your choice by pressing arrow keys and **OK**.



- OSD Teletext (if programs provide)  
Select your choice by pressing arrow keys and **OK**.

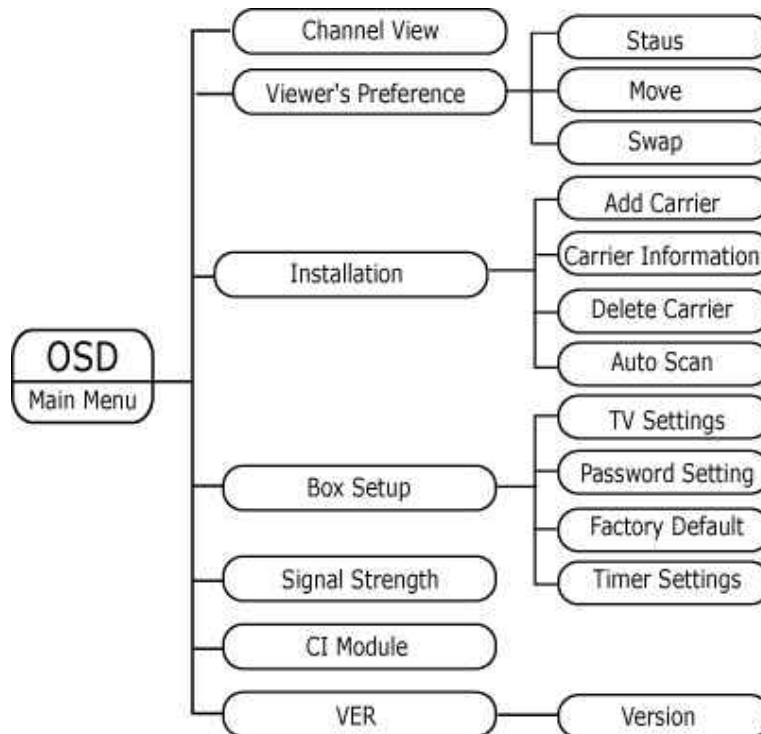


### NOTE:

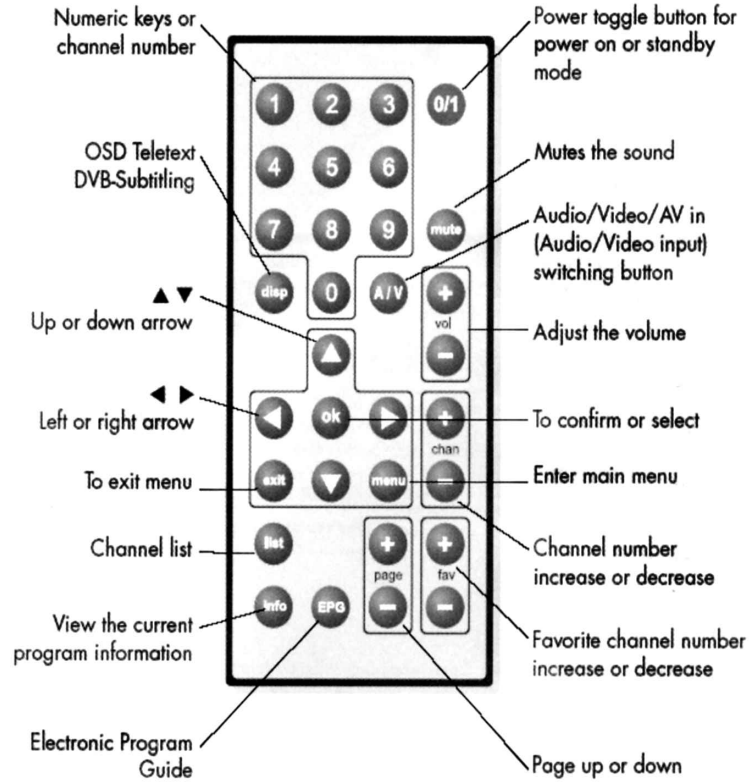
Users enable to change the page of teletext by selecting color in Red, Green, Yellow and Blue. Some keys on remote control indicate different colors.

- R (Red) : Page+
- G (Green) : Page-
- Y (Yellow) : fav+
- B (Blue) : fav-

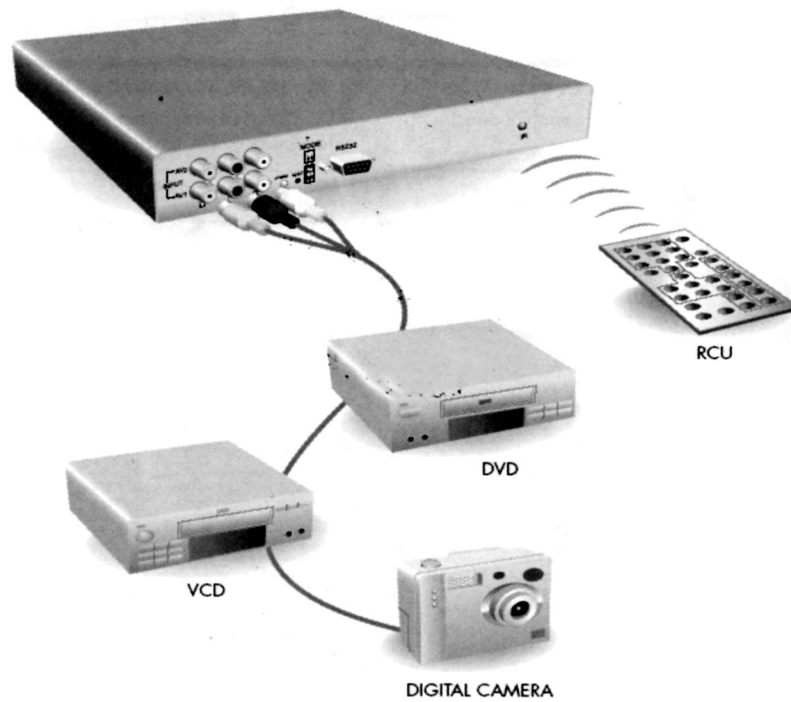
## OSD Structure



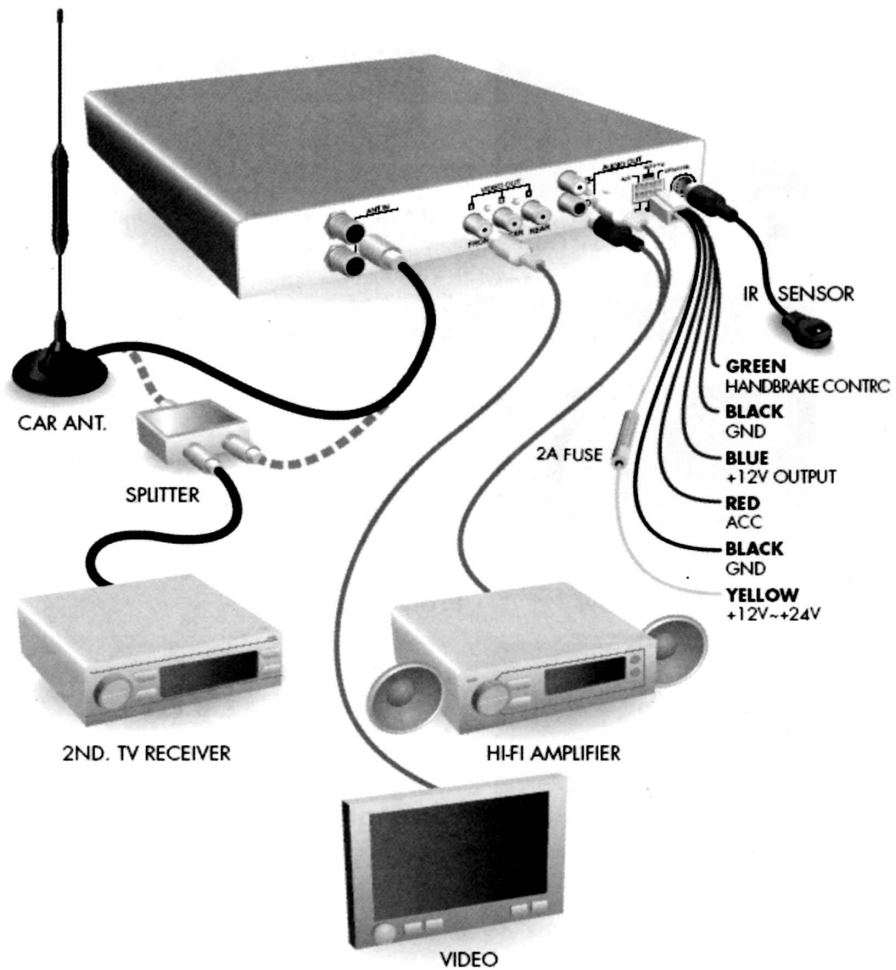
## Remote



## Setup Front



## Setup Rear



## Specifications

### HARDWARE SPECIFICATIONS

<b>POWER SUPPLY</b>	Input voltage	DC 12V~DC 24V
	Power consumption	Max. 18W
<b>DEMODULATION</b>	Waveform	COFDM
	Modes supported	2K & 8K FEC combinations including hierarchical modes
	Constellation	QPSK, 16-QAM, and 64-QAM
<b>TUNER</b>	Input connector	F Type, Female
	Input frequency	UHF and VHF
	Bandwidth	6MHz or 7MHz or 8MHz or 7/8MHz

## FRONT AND REAR SUMMARY

<b>FRONT PANEL</b>	Common Interface	PCMCIA (optional)
	A/V Input	2 Pairs RCA (optional)
	LED Indicators	power/stand-by/system/lock
	Mode Switch	for maintenance
	IR Sensor	1 Fixed.
	Data Port	1 RS232 (9-pin D-sub)
<b>REAR PANEL</b>	Audio	2 RCA/Cinch (Left/Right)
	Video	3 RCA/Cinch (75 $\Omega$ )
	RF	2 inputs
	DC/SC connector/ANT-PWR	6 pins wafer for +12V DC/24V DC power IN/SC handbrake signal, ANTPower (+5V or 12V) optional
	Remote IR connector	4 Pin MINI-DIN

## SOFTWARE FEATURE

<b>BASIC SYSTEM</b>	MPEG-II Digital & Fully DVB-T Compliant.
<b>LANGUAGES FOR OSD</b>	English/German
<b>NUMBER OF PROGRAMS</b>	Basic 400 services. Extensible if necessary (Up to 1500 or more).
<b>MANUAL CHANNEL SEARCH</b>	Supports
<b>AUTOMATIC CHANNEL SEARCH</b>	Supports
<b>UPGRADE SOFTWARE</b>	Via RS-232 Loader PC $\rightarrow$ Receiver
<b>TELETEXT</b>	Supports (VBI insertion, OSD teletext)
<b>DVB-Subtitling</b>	Supports
<b>EPG</b>	Supports