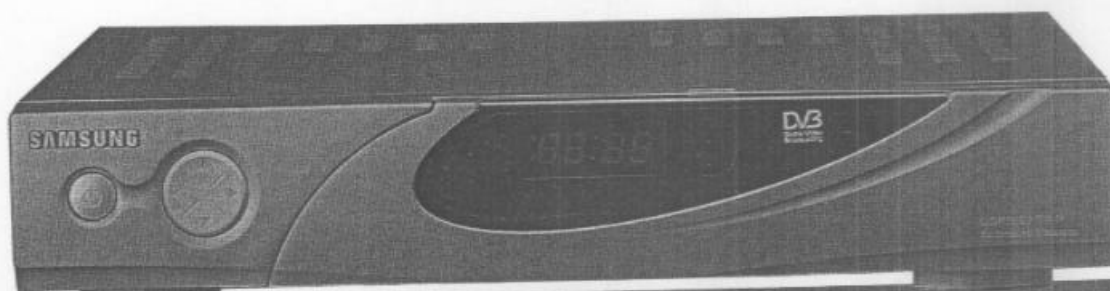


SAMSUNG

USER MANUAL

DCATV 2200RC



DIGITAL CATV

EMBEDDED NDS

**CAUTION**

RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

**APPLICABLE FOR USA, CANADA OR WHERE
APPROVED FOR THE USAGE**

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT. INSERT FULLY.

ATTENTION: POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.



The lightning flash with arrowhead symbol, with an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Note : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important Safety Instructions

The important safety instruction shall include where applicable, the following information and warnings.

Read these instructions.

All the safety and operating instructions should be read before the appliance is operated.

Keep these instructions.

The safety and operating instructions should be retained for future reference.

Heed all warnings.

All warnings on the appliance and in the operating instructions should be adhered to.

Follow all instructions.

All operating and use instructions should be followed.

Do not use this apparatus near water.

Do not use this video product near water, for example near a bathtub, sink, in a wet basement or near a swimming pool and the like.

Clean only with cloth.

Unplug this video product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning the unit.

Do not block any ventilation openings, Install in accordance with the manufacturer s instruction.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

Only use attachments/accessories specified by the manufacturer.

Unplug this apparatus during lightning storms or when unused for long periods of time.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

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GENERAL FEATURES

1. USER SECTION

- ▶ 2000 PROGRAMMABLE CHANNELS
- ▶ SOFTWARE DOWNLOAD VIA PC
- ▶ ADVANCED ELECTRONIC PROGRAM GUIDE
- ▶ ENGLISH; LANGUAGE SUPPORTED FOR OSD
- ▶ FULL FUNCTION INFRARED REMOTE CONTROL UNIT
- ▶ 7 SEGMENT LED DISPLAY
- ▶ AUTO AND MANUAL SCAN FACILITY
- ▶ CHANNEL ORGANIZING(PROGRAMMABLE)
- ▶ RCA OUTPUT
- ▶ LOW POWER CONSUMPTION
- ▶ SINGLE SMART CARD READER

2. TUNER SECTION

- ▶ 110-860 MHz WIDE BAND TUNER
- ▶ IF OUTPUT WITH DC PASS LOOP FOR ANALOG RECEIVER

3. VIDEO SECTION

- ▶ DVB-C COMPLIANT
- ▶ MPEG-2 VIDEO(MP@ML)
- ▶ 2~46 MS/s SYMBOL RATE
- ▶ COMPATIBLE FOR BOTH SCPC/MCPC
- ▶ SUPPORTS ASPECT RATIO 4:3(NORMAL) AND 16:9(WIDE SCREEN)
- ▶ MODULATOR OUTPUT

4. AUDIO SECTION

- ▶ MPEG 1 AUDIO LAYER I & II
- ▶ MONO, DUAL, STEREO AND JOINT STEREO AUDIO MODE
- ▶ 32, 44.1 AND 48 KHz SAMPLING FREQUENCIES
- ▶ VOLUME CONTROL AND MUTE FUNCTION THROUGH RCU

CONNECTING YOUR DCATV 2200RC

1. LOCATION OF THE RECEIVER

Your "DCATV 2200RC" should be placed under proper ventilation. Don't put in completely enclosed cabinet that will restrict the flow of air, Resulting overheating. The location should be safeguarded from direct sunlight, excess moisture, rough handling or household pets. Avoid stacking other electronic components on the top of the receiver. The location should be safely accessible by the cable from your antenna system.

3. CONNECTING THE RECEIVER TO TV

To connect the receiver with your television, you can follow two methods: through RF cable, and through RCA cable.

Connect the RF cable to the terminal marked "OUT TO TV" at the rear panel of DCATV 2200RC and its other end to the TV RF input socket. In the case of connecting your TV through RCA cable, connect the RCA connector marked TV to the respective RCA port in the TV.

4. CONNECTING YOUR ANALOG RECEIVER

To facilitate the user using analog receiver to view analog channels, DCATV 2200RC has been provided with a loop through terminal marked as "LOOP".

Connect the coaxial cable from this terminal to the IF input terminal of your analog receiver. Now by keeping the DCATV 2200RC in standby, you will be able to tune and view analog channels from your analog receiver.

5. CONNECTING YOUR VCR

To connect a VCR, the DCATV/VIDEO RC has been provided with RCA at the rear marked 'VCR'. Using a RCA connector, the VCR can be connected to the receiver.

6. CONNECTING EXTERNAL AUDIO HI-FI SYSTEM

To connect any external Audio Hi-Fi system, the receiver has been provided with two RCA connectors at the back of the receiver, marked with Audio L and R respectively to connect the left and Right Audio.

7. INSERTING SMART CARD FOR VIACCESS SERVICES

In order to view a scrambled service, you need to have the appropriate Conditional Access Module and a valid smart Card. This DCATV/VIDEO RC has the NDS CAM embedded. To view NDS scrambled services you just need a valid smart card inserted into either card slot.

Insert the smart card gently into the slot. Depending on the service selected DCATV/VIDEO RC will automatically detect the appropriate smart card.

Note: Insert the smart card with the gold colored chip downwards. While the DHT is working do not insert/remove the smart cards.

Connection Figure

