

SETTING UP YOUR DECODER

Setting up the decoder can be very complicated and it is recommended that a DStv Accredited Installer is used.

Should you choose to do the installation yourself (not recommended), please note that it is not possible to address all system requirements or viewing configurations in this manual. If your requirements are not addressed, please contact a DStv Accredited Installer.

Setting up the decoder is handled in 3 steps:

- 1) Connecting the decoder to the dish
- 2) Connecting the decoder to the televisions
- 3) Connecting the decoder to VCR(s) and Hi-Fi equipment

CONNECTING THE DECODER TO THE DISH

The decoder has to be connected to the LNB on the dish to receive a signal.

If you are having a new dish installation done, a twin-feed LNB must be used. This means that there will be two cables running between the dish and the decoder.

If you already have a dish and an installer is going to install the decoder, it is recommended that the existing dish installation be modified to a twin-feed LNB.

If you already have a dish and you are installing the decoder yourself, you can use the LNB splitter device as supplied and retain your existing (single-feed) LNB. This causes a limitation in the channel availability on TV2 (TV2 only has access to channels in the same group that TV1 is viewing).

The LNB splitter installation is done by first connecting the LNB cable to the LNB splitter and then pushing the LNB splitter firmly across the two LNB inputs on the decoder. See picture below.

LNB SPLITTER INSTALLATION



You are now ready to move onto the next step in the decoder set-up.

CONNECTING THE DECODER TO THE TELEVISIONS

This is done in 7 steps:

1. Choose the TV2 remote control method - tvLINK remote extender or Remote Blaster (See page 12)
2. Install the desired TV configuration (See pages 12 to 15)
3. Switch on TV1 (See page 16)
4. Insert Smartcard (See page 16)
5. Setting up TV2 (See page 17)
6. Install the TV2 remote control (remote extender or Remote Blaster) (See page 17)
7. UHF channel for TV2 (See page 17)

CHOOSING THE TV2 REMOTE CONTROL METHOD

A tvLINK remote extender is supplied with the decoder to enable the control of the TV2 signal going to the secondary television. It consists of a small “eye” with a cable and an in-line connector.

The tvLINK remote extenders’ in-line connector is connected on the RF cable (the cable that carries the TV2 signal). It is then connected to the back of the secondary television so that the RF cable connects through it to the television. The “eye” is placed where it can “see” the TV2 remote control (typically on top of TV2).

Although it is simple and interference-free, the tvLINK does have some limitations. In the following cases a Remote Blaster (not included, but available in most stores) should rather be used:

- The current cable running to the secondary television has an amplifier. (The remote extender’s signal cannot pass through a normal amplifier.)
- There is a VCR on the RF cable going to the secondary television. (The remote extender’s signal cannot pass through a VCR.)
- Some residential installations built to old SABS specifications have DC blocks in the RF wall sockets through which the remote extender signal cannot pass.
- If there is a desire to control other equipment remotely (such as a VCR), the remote extender can *only* control the decoder.

Situations (including those mentioned above) where the remote extender (tvLINK) cannot be used, will be indicated by the fact that the red light on the tvLINK in-line connector will not light up after installation. This will be accompanied by a message, “tvLINK Overload” on TV2.

If the TV2 signal is to be split to multiple (3+) televisions, using a DStv Accredited Installer is recommended. Please note that additional equipment will be required.

INSTALL THE DESIRED TV CONFIGURATION

Once the appropriate TV2 remote control option has been selected, the television configuration can be chosen. Three common configurations are shown:

2 TV’s

- Requires either the remote extender (tvLINK) or a Remote Blaster

3 TV’s

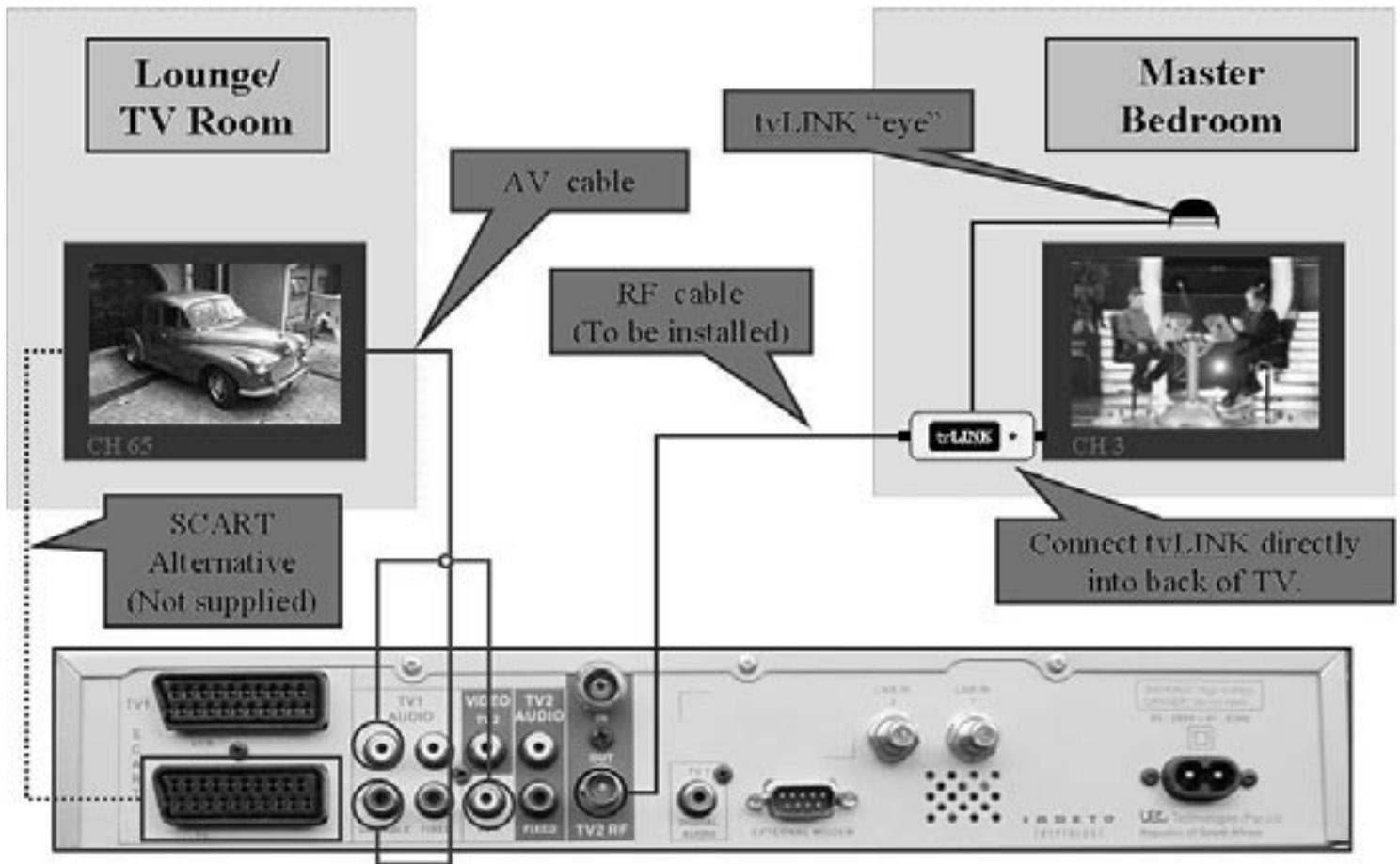
- Splitting TV2 to a 3rd TV
- If remote control for the 3rd TV is needed, it requires a 3rd remote control and either an additional remote extender (tvLINK) or a Remote Blaster with a slave unit

3 TV’s

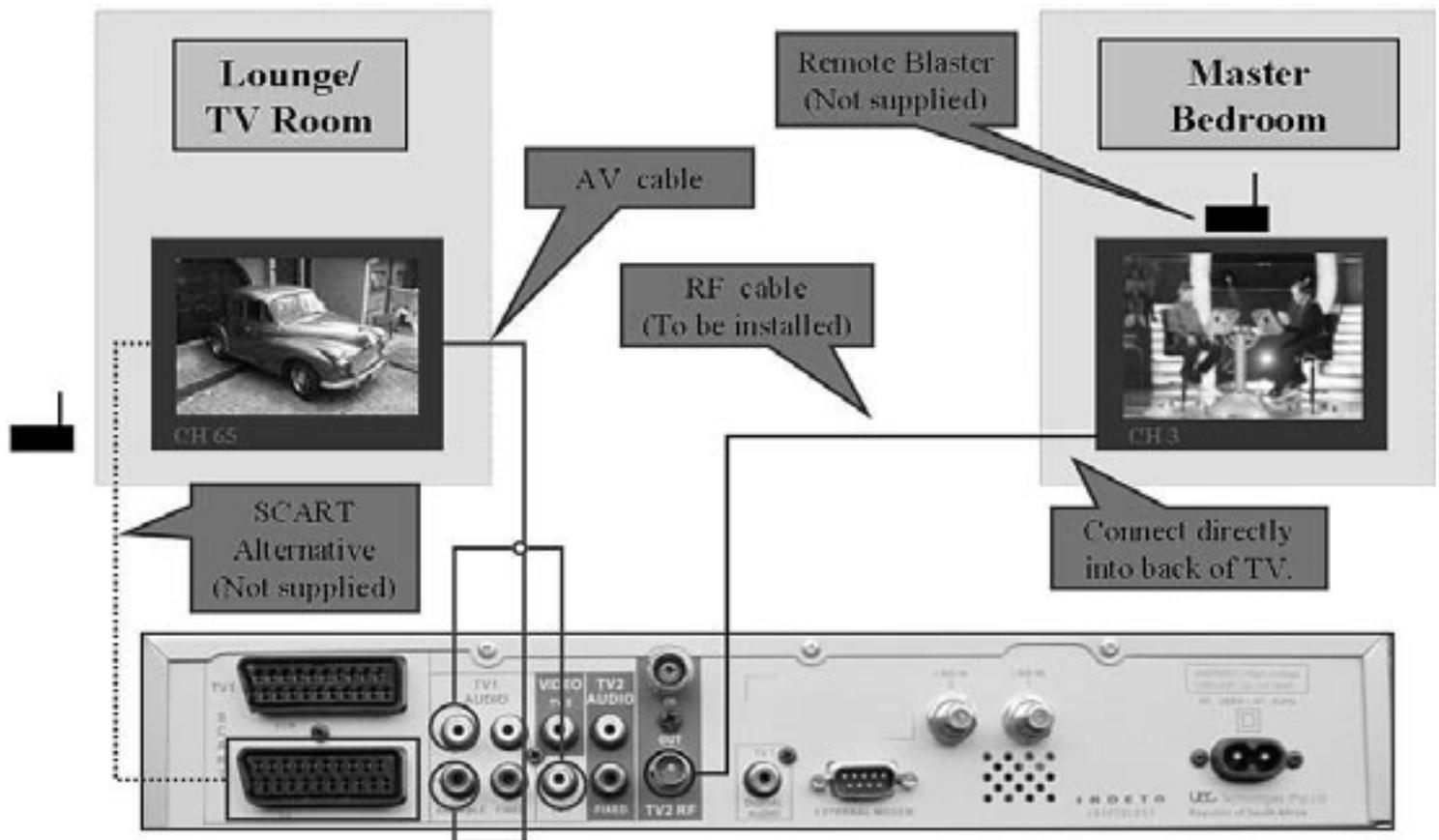
- Splitting TV1 to a 3rd TV
- In addition to the extras as mentioned for the previous option, this configuration also requires a dedicated VCR

WARNING: WHEN THE TV INSTALLATION MENU FOR TV2 REMOTE CONTROL IS SET TO “EXTENDER ONLY” OR “BOTH”, IT GENERATES AN ELECTRICAL CURRENT ALONG THE RF CABLE TO DRIVE THE tvLINK REMOTE EXTENDER DEVICE. IF THE tvLINK REMOTE EXTENDER DEVICE HAS NOT BEEN PLACED ON THE RF CABLE BETWEEN THE DECODER AND THE VCR OR TV, AND THE RF CABLE IS PLUGGED DIRECTLY INTO THE TV OR VCR, THE TV OR VCR MIGHT BE DAMAGED.

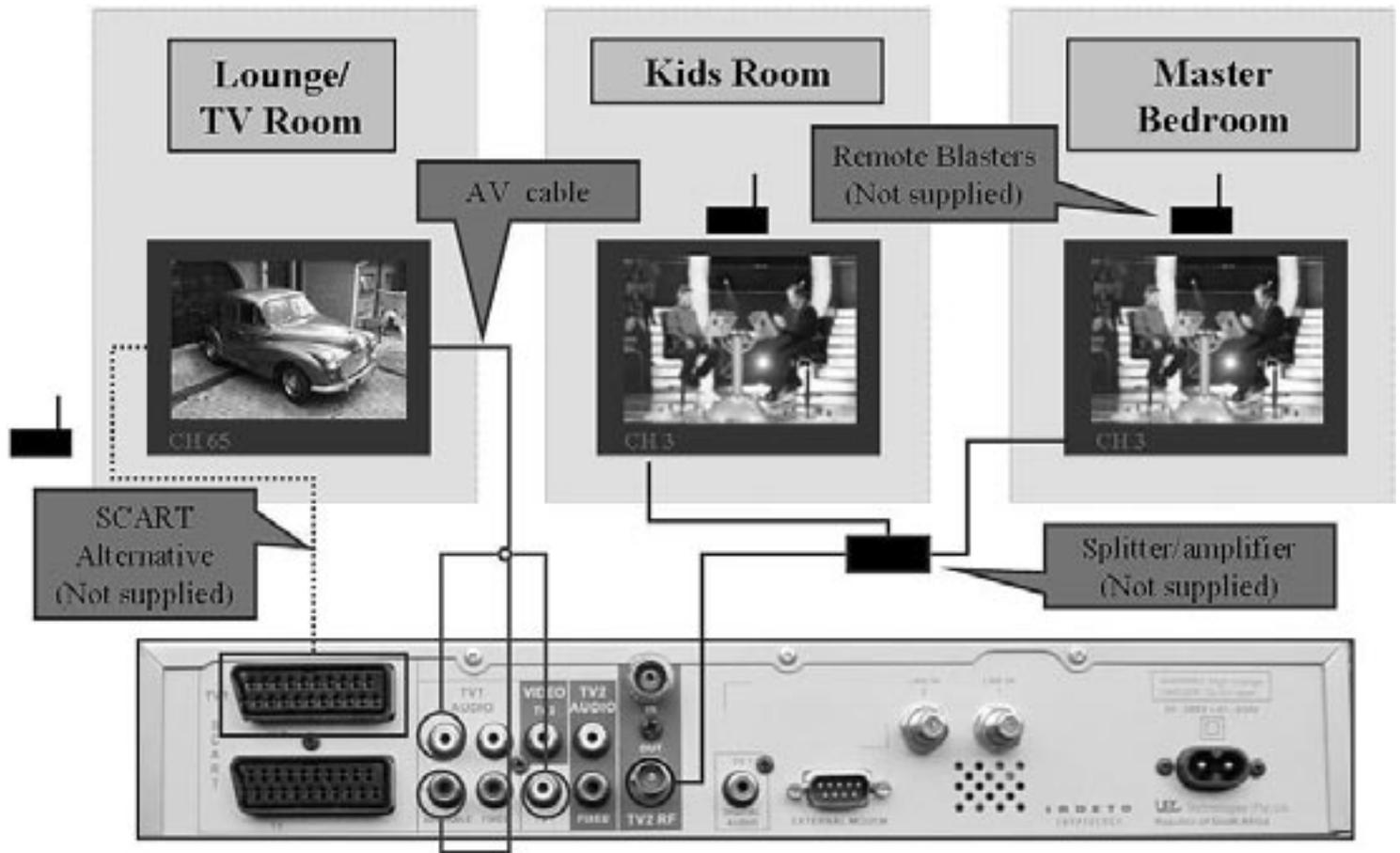
2 TV'S USING A REMOTE EXTENDER



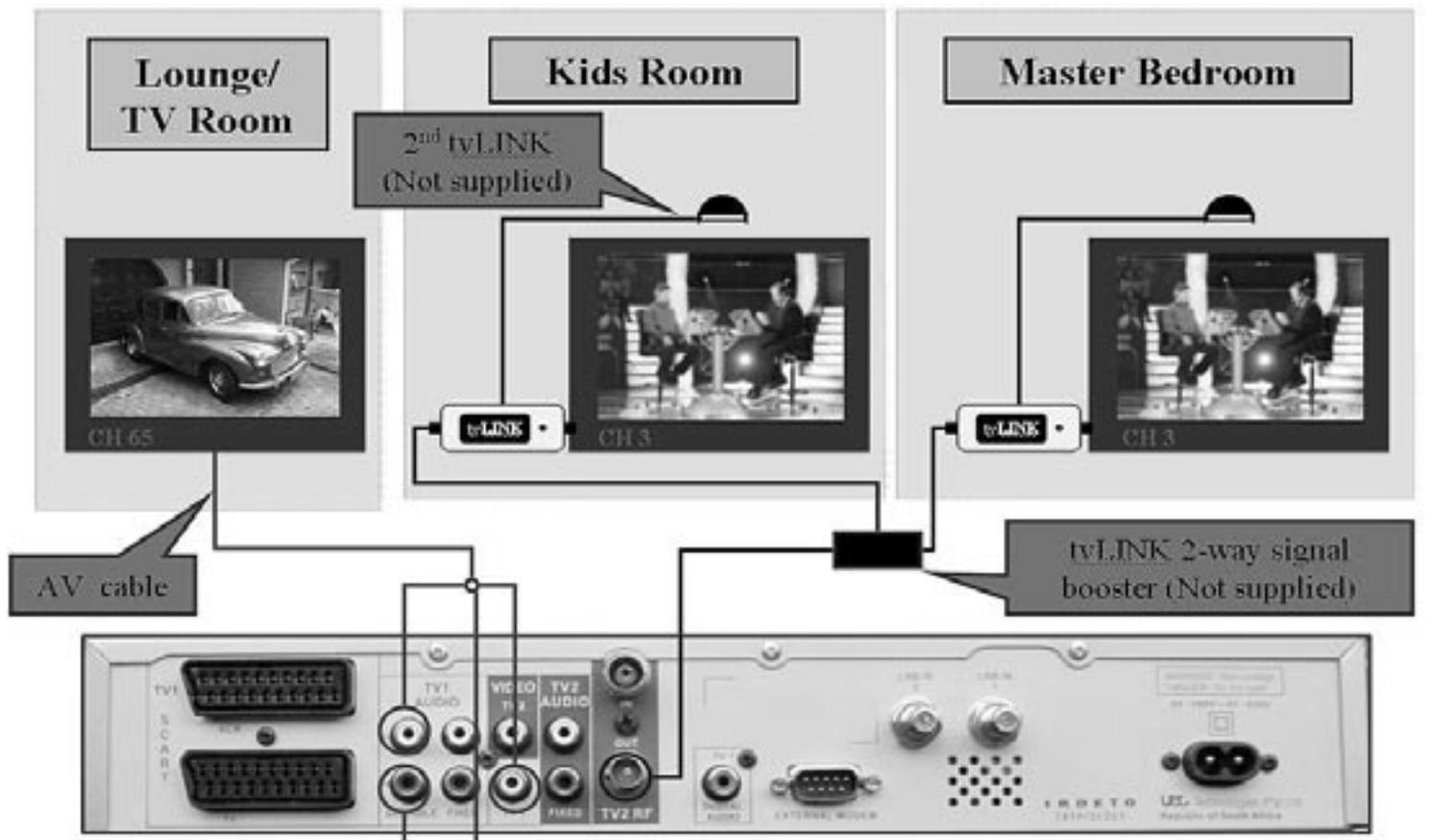
2 TV'S USING A REMOTE BLASTER



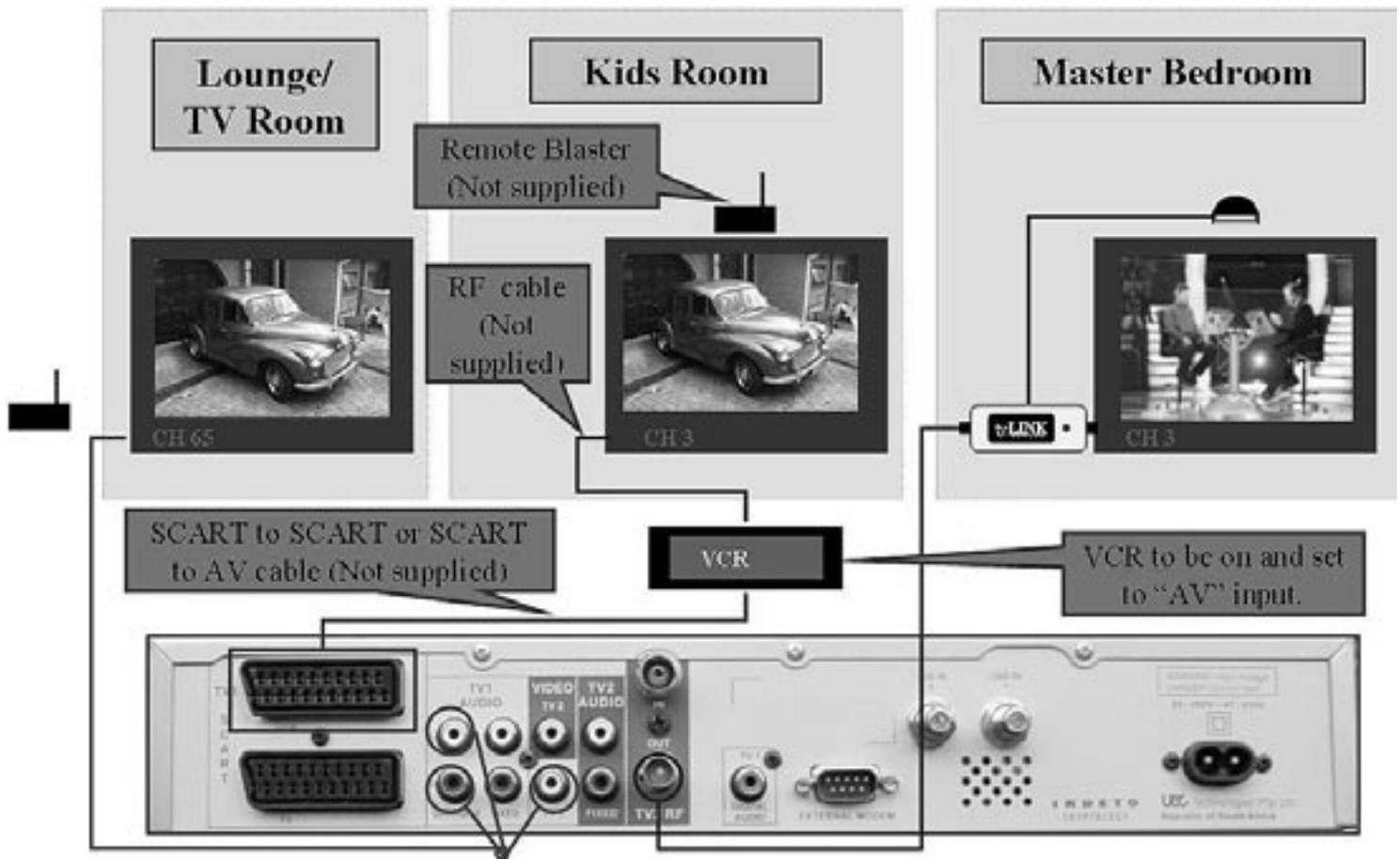
3 TV'S: SPLITTING TV2 TO 3RD TV USING REMOTE BLASTERS



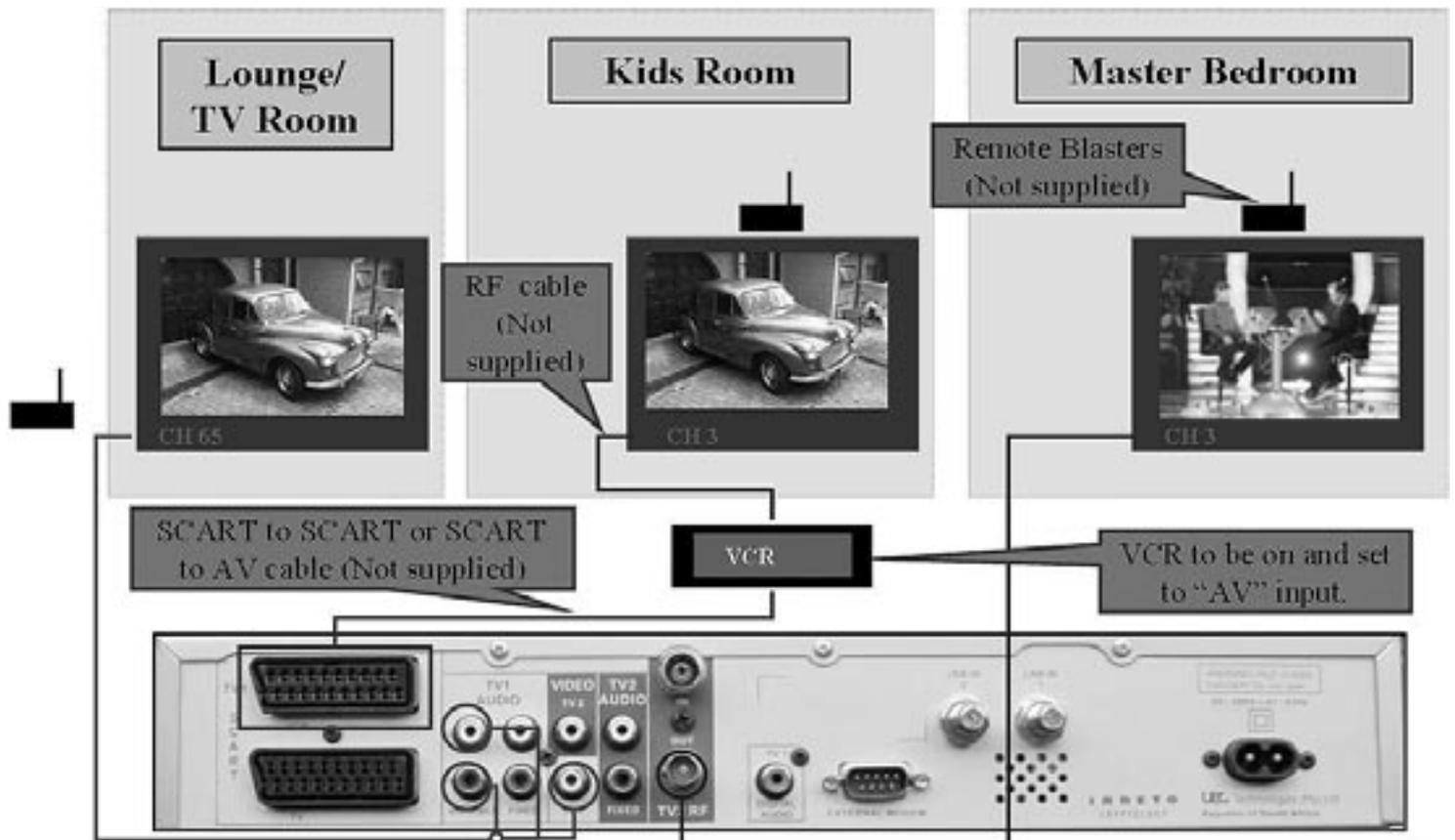
3 TV'S: SPLITTING TV2 TO 3RD TV USING REMOTE EXTENDERS



3 TV'S: SPLITTING TV1 TO 3RD TV (OPTION 1)



3 TV'S: SPLITTING TV1 TO 3RD TV (OPTION 2)



SWITCHING ON TV1

Once the installation has been completed, it is time to check that it works correctly. The TV1 signal on your primary television is provided through either SCART or AV (RCA) connections. You will therefore need to switch your television's input to AV/ SAT/ AUX, depending on the naming convention used by your television.

Switch on / plug in the decoder at the mains. The decoder will go through a power-up sequence, acquire all available channels and display Channel 1. Consult your television manual on displaying AV signals if you have problems viewing the decoder signal.

At this time, there will be an error banner on-screen asking you to insert the smartcard.

INSERTING THE SMARTCARD

Your smartcard is pre-packed with your decoder. It looks similar to a credit card and is inserted into the slot behind the front flap of the decoder (see picture below).

- 1) Open the flap on the front panel of the decoder
- 2) Hold the smartcard as shown and insert fully



You will now either have access to the subscribed channels, or you will have an error message that the service is currently scrambled (this error message indicates that the smartcard has not yet been enabled.) Please call your nearest MultiChoice Contact Centre to enable the smartcard.

SETTING UP TV2

This is done in two steps:

- 1) Installing the TV2 remote control
- 2) Setting up the TV2 UHF channel

INSTALLING THE TV2 REMOTE CONTROL

If you are using a Remote Blaster, please consult it's manual for installation instructions. If the tvLINK remote extender is used, the following steps must be followed:

- Remove the RF cable from the back of the secondary television (the television receiving the TV2 signal).
- Put the remote extender in-line to connector on the end of the RF cable.
- Insert the in-line connector into the secondary television.
- Place remote extender "eye" on top of the television, or any place where it can "see" the room.
- To activate the remote extender, a menu setting must be changed. This should only be done when the installation has been completed.

Go to TV1 (there are no menu's available on TV2). Using the TV1 remote and following the steps on the TV1 screen, do the following:

- 1) Press the "**MENU**" button
- 2) Select "Advanced Options"
- 3) Select "TV installation"
- 4) Enter the installation PIN (9949)
- 5) Select "TV installation for TV2"
- 6) Select "TV2 Remote Control"
- 7) Select "TV2 RCU Setup". Please refer to page 12 (**WARNING**) before proceeding with the following steps.
- 8) Select "Extender Only"
- 9) Confirm by pressing "**OK**" on "Accept these settings"
- 10) Press "**MENU**" button to exit.

The light on the in-line connector on the back of TV2 will now be on. If not, check that the cable is properly plugged in. If the light is still off, your installation is not tvLINK compatible and you should either use a DStv Accredited Installer, or make use of a Remote Blaster (not supplied). You are now ready to proceed to the next step.

SETTING UP THE TV2 UHF CHANNEL

The secondary television must be tuned to the decoder's UHF (RF) channel, or you will not be able to view the DStv channels:

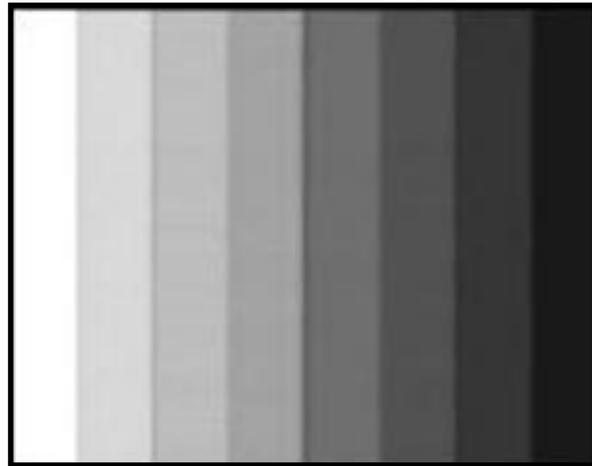
- 1) Switch on the secondary television and pick a channel eg. "4" on which you intend to view the Dual View TV2 signal. (*Tip: if you were viewing from a decoder before, use the same channel, the Dual View TV2 signal is on the same frequency as previous decoders and it should come up immediately - thus saving you the remaining steps.*)
- 2) Go to the primary television and look at the Dual View TV1 signal.
- 3) Press and hold the **GREEN** button on the TV1 remote for approximately 5 seconds, until **UHF** is displayed on the front panel of the decoder.
- 4) A black and white screen will now be displayed on TV1 and a channel number will be displayed on the decoder front panel display, eg. 46.

TV1 Display



- 5) Now go to the secondary television and tune the television until colour bars are displayed (see picture below).

TV2 Display



- 6) If the picture is clear, press **“OK”** on either of the remote controls. The colour bars and black and white test patterns will now disappear and be replaced by the TV1 and TV2 signals (unless the smartcard has not yet been enabled).
- 7) If there is interference, or for any other reason the picture and audio quality on TV2 is not acceptable, go to **“Changing the TV2 UHF Channel”**.

CHANGING THE TV2 UHF CHANNEL

This will only be necessary if **“UHF Setting for TV2”** resulted in unacceptable picture or audio quality.

