Splitty

User Manual

Splitty.nl

Index

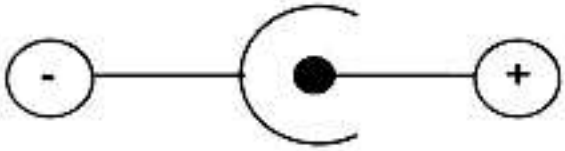
1) Introduction.

From this moment on, you will have the possibility to share your original Smartcard with other receivers (decoder) in privacy of your own home. This will allow to see different programs on each decoder without having to move around the Smartcard. The channels that you are able to watch will only be those signed in the contract with the provider of the service.

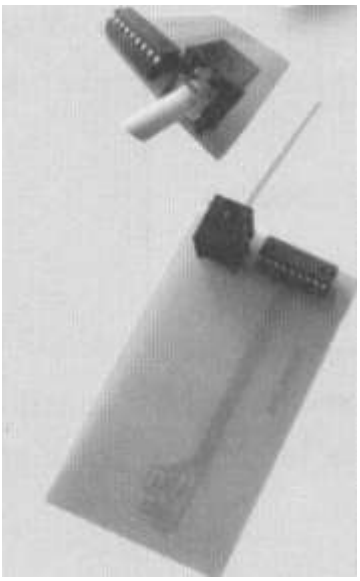
As you will agree, this product will take full advantage of your subscription, by being able to use it simultaneously in various rooms of your house. The base of the Splitty transfers the required generic data; which is needed for the operating of your Pay-Tv channels.

2) Composition of the Kit.

Central unit:
The central unit represents the heart of the system and must be fed from a classic not stabilized local power source of 9-12Volts. The Polarity must be external – negative, and in the center positive.



Dummy Smart Card:
This is the unit to insert in the Decoder. The Dummy Smartcard is connected with telephone cables with the Central unit.

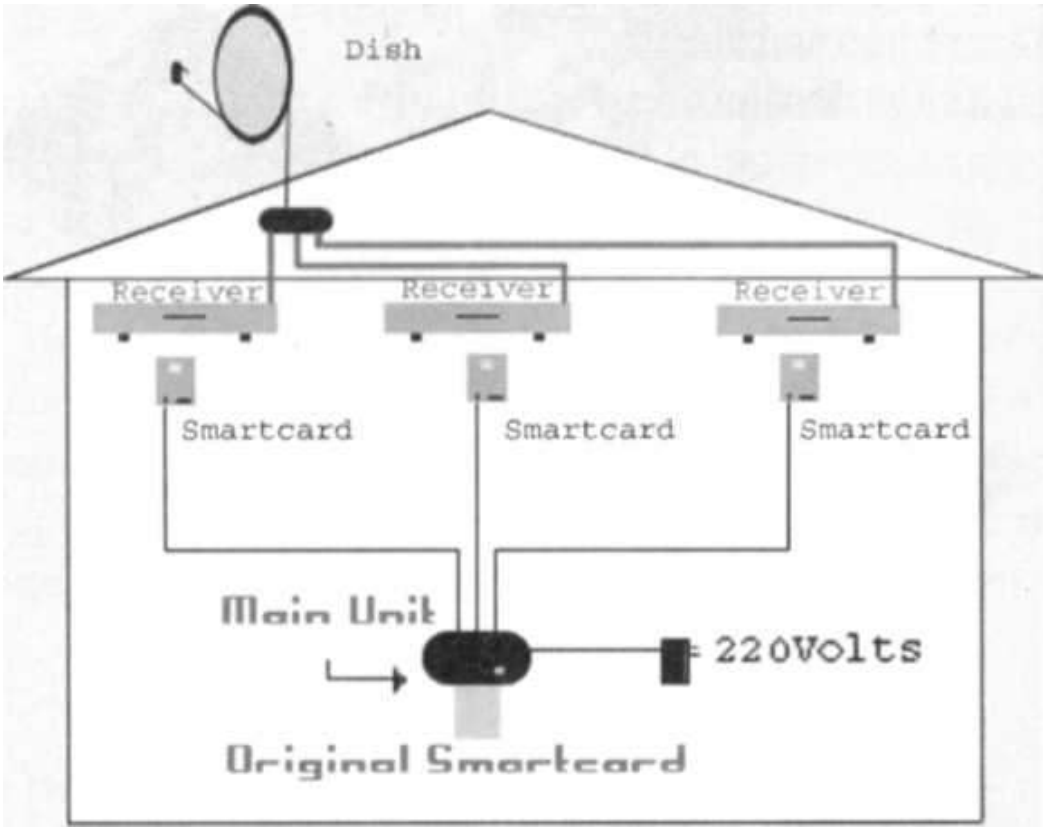


3) Structure of the System.

In order to have an efficient system, one must pay attention to the structure of the system such as the location of the device.

To avoid interferences and malfunctions, it is best to place the Splitty in the center of the system, and in such a way that all the cables that are connected are more or less of equal length. The central unit is the heart of the application consequently it is advisable to position it in a place of easy access and at the same time protected from possible accidental malfunction.

An example of the outline of the structure of the system**:**



This outline represents the classic installation of the system. The Splitty also functions perfectly well even if there are only one or two Dummy Smartcards attached.

4) Type of cables to use.

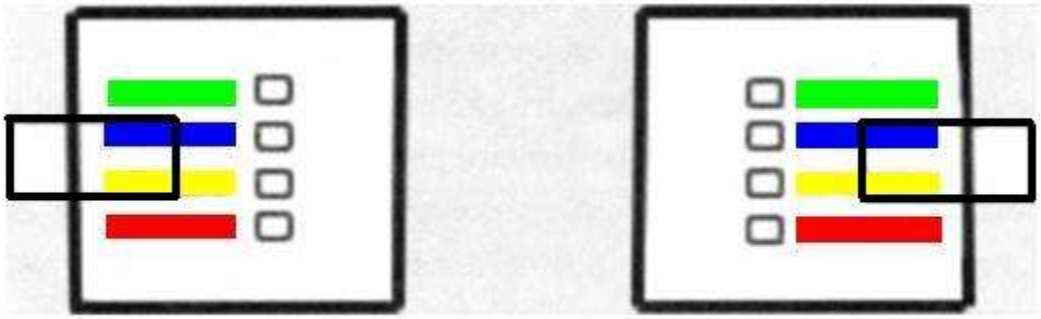
It is advised to only use cables of optimal quality. The type of cable to use is the normal telephone cable of 4 spins, in rigid. The section of the threads will have to be comprised of traAWG26 eAWG24 (0,40 millimeter ± 053 millimeter), so that it represents the standard in telephone cables.

The maximum length of all the 3 cables from logon-point to point (Central unit – Dummy Smartcard) should not exceed 150 meters. It is still advised to have the shortest amount of cable possible in order to avoid possible interferences, let alone losses of quality. In any case in order to avoid disadvantages, it is advised to carry out a test of the product with the several Dummy Smartcards to be sure that the system works.

5) Clamping of the connectors.

At every end of the connection cables it will be necessary to clamp the connector plugs (identical connectors to those used for telephones). Careful caution should be applied in correctly connecting the cables with the appropriate tools. The telephone connectors plug are of type 4P4C (also known as type RJ10). Do not use connectors 6P4C (RJ11) for they are not compatible with the Splitty and will not fit.

Wiring**:**
View from above.



Note: The colors of the internal cables could differ, but the layout of the wiring should still be the same.

It is very important to connect the plugs correctly otherwise the system will not work correctly. You could use an Ohm meter to test if there is a good contact between the different connection plugs. This way you can avoid difficulties and malfunctions later on.

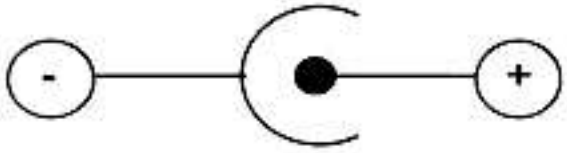
6) Power feed for the central unit.

−The central unit goes must be connected to a power source. The power source for the central unit, is not supplied along with the package. It must have the following characteristics:

−9/12 Volt

−lOOmA.

−circular standard (plug 0 2,5 millimeter x 10 millimeter), positive pole in the center, and the external pole should be negative.



It is advised to disconnect the central unit during thunderstorms. Possible overloads of current could damage the device irreversibly.

7) Installation and operation.

After you have installed all the devices having followed the outlines previously mentioned, it is sufficient to insert the original Smartcard in the appropriate slot with the gold contacts turned towards the bottom. The Led on top of the central unit will flash three times to indicate that the inner test has occurred. In case this did not happen make sure that you have inserted the card correctly and that local power source is connected correctly. Subsequently the Led will begin to flash at regular intervals. Once the dummy smartcard is inserted the same led flashing will become less frequent. When the Dummy card will ask for the information from the original smartcard, for information of some data, the led will flash faster and irregular, to indicate the transfer of the useful information.

In case the visualization of the channels did not happen, extract the dummy smartcard and reinsert it. If also this operation showed no effect, retry the entire procedure from the beginning. If this did not solve the problem, please refer to chapter 8 of this manual.

8) Troubleshooting.

Problem:

Without warning after some days of regular operation all the decoders have stopped to work at the same time, darkening the screen.

Solution:

Remove the Smartcard from the central unit and insert it directly in a decoder and wait for a few minutes until the reception of the new codes. Then reinsert the card into the central unit. In the event it still did not work call your Pay-Tv subscriber or visit their website and request new transmission of the codes.

Problem:

The Led in the Central unit does not flash.

Solution:

Check if the power feed is correct like stated in the handbook.

Problem:

The Led remains lid and does not flash.

Solution:

The problem can reside in the from the dummy smartcard, if the connections from the wires have not been connected correctly. Or the original Smartcard used is not compatible. Check that the Smartcard is compatible and that the wires have been connected correctly.

Problem:

Some decoders in the system do not visualize the channels, while others visualize them correctly.

Solution:

Verify the correct connection of the threads in the connector plugs, making reference the connection outline. And you could use a tester to carry out the verification of effective connection.

Solution:

Try to exchange the dummy smartcards connected with those from another decoder. Thereby it is possible to determine if any of the dummy smartcards are malfunctioning.

Solution:

It could be possible that the decoder or the Cam that is being used is not compatible with the Splitty. In this case it is possible that you will have to replace it with a compatible decoder or Cam. It is also possible to upgrade the software on the Decoder in order to make it compatible.