

WELCOME

Congratulations on purchasing your DStv decoder.

At MultiChoice, we enrich lives through innovative delivery of compelling digital media content, whilst providing the best customer care.

For the full Viewer's Guide, please visit our website at www.dstv.com

Welcome to the MultiChoice family, we wish you many long hours of entertainment!

SAFETY

This decoder meets International Safety Standards. Please read the following recommended safety precautions carefully :

Mains Supply

This decoder operates within the range 85-288 V AC 47~63 Hz power supply only.

Do not connect to DC mains. Connect the power cord to the decoder before connecting the other end into the power outlet.

Disconnect the decoder from the power outlet before connecting or disconnecting your unit from any other equipment.

Liquids & Spillage

Keep liquids away from the decoder and do not put anything on top of the decoder which might spill (eg. lit candles or containers of liquids).

Do not use or store the decoder in extreme temperature & humid conditions.

Cleaning

Disconnect the decoder from the mains and use a dry cloth to clean the exterior.

Ventilation

Do not block ventilation holes. Ensure that free airflow is maintained around the decoder.

Never stand the decoder on soft furnishings or on carpet.

Do not use or store the decoder where it is exposed to direct sunlight or near a heater.

Never stack other electronic equipment on top of the decoder.

Never push or insert anything into the holes, slots or any other opening in the case.

Servicing

You should never remove the decoder's cover.

Do not attempt to service this product yourself. Any attempt to do so will invalidate the warranty. Refer all servicing to a qualified MultiChoice Agent, Branch or Accredited Installer.

Lightning

If the decoder is installed in an area subject to intense lightning activity, protection devices for the decoder mains connector are recommended.

Earthing

The earthing system must comply with local regulations.

LEGAL MATTERS & DISCLAIMERS

Decoder Functionality Disclaimer

This decoder was manufactured for specific use with MultiChoice services and requires the MultiChoice signal for full functionality. It will therefore not be fully functional unless it is used with an enabled MultiChoice smartcard, deployed within the MultiChoice broadcast footprint and installed so as to receive the MultiChoice signal.

Software Update Disclaimer

Because MultiChoice is dedicated to providing you with up-to-date features as well as stable and secure software, the functions and menus as described in the Viewer's Guide may change from time to time as the necessary system software is updated. Updates may be found at www.dstv.com

Obsolescence Disclaimer

Digital Satellite Technology is rapidly evolving. Because of this, it is not always possible to predict what the requirements will be in a few years' time. This is particularly true for Interactive services. MultiChoice cannot guarantee that this decoder will be able to run all interactive services in the future.

Copyright

By reason of the copyright and other intellectual property rights in such material, no data, video or audio content received using this decoder and a MultiChoice conditional access smartcard may be copied, re-transmitted, re-broadcast, hired out or sold without written permission from MultiChoice Africa (Pty) Ltd.

Installation Disclaimer

For the decoder to operate, it is required to correctly install and align a satellite dish and a Low Noise Block (LNB) converter. Please refer to manuals provided with your satellite dish and associated equipment if you decide to do the installation yourself.

Each and every installer acts as an independent contractor and is not a servant, subcontractor or agent of MultiChoice. MultiChoice is, therefore, not liable for loss or damage of any nature whatsoever caused by the conduct of the installer, including but not limited to any direct, indirect or consequential damages of any nature of any loss of profit or other special damages of any nature which the user may suffer as a result of any breach by the installer of any of its obligations to the user.

Any loss or damage to any property of the user or any third party situated on the user's premises even if loss or damage arises out of any part of the installer.

MultiChoice does not directly nor indirectly warrant or guarantee or make any representations whatsoever with regards to any equipment, including, but not limited to any dish, LNB, or cabling, used by the installer.

MultiChoice does not give any warranty or guarantee or make any representation whatever in respect of any work carried out by the installer, or accept any liability for any latent or other defect in any work carried out by the installer.

DIY Installations Disclaimer

The installation set-up options in the Viewer's Guide do not make provision for all possible set-up variations, nor do they make provision for all the equipment you may wish to connect to the decoder. We recommend that you contact a MultiChoice Accredited Installer or the supplier of the specific equipment should you have any queries when doing an installation.

MultiChoice will not be held responsible for any damage resulting from installations, whether by its agents, MultiChoice Accredited Installers, through do-it-yourself or through incorrect usage of equipment.

MultiChoice Digital Satellite Decoder 1110

SPECIFICATIONS

Conditional Access

CA System	Embedded Irdeto Zeta version
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Software

Loader	Secure over the air or serial Irdeto loader
Middleware	OpenTV

Video

DVB standard	MPEG2 MP @ ML
Video format	PAL
Format conversion	Letterbox (full view), with Cropped (optional)

Audio

DVB standard	MPEG 2 layer 1 & 2 (Musicam), sampling frequencies 32, 44, 1.48kHz
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Processor

Host processor	ST5107
Flash memory	8 Mbytes
RAM	32 Mbytes SDRAM
EEPROM	16k Bytes

Remodulator

RF output	Channel 21 to 69
Video format	PAL I, PAL G

Front Panel

Display	4 digit, 7 segment display
Status indicators	3 LEDs
Standby switch	Toggles standby on / off
TV/Radio switch	Toggles between audio / video services
Channel up/down	Changes channel
Volume up/down	Mutes audio when selected together
UHF	Invokes UHF tuning application
Reset	Initiates a reset of the decoder
Subscriber smartcard	ISO 7816

Rear Panel

RF out	F-type female
RF in	F-type female
Base-band video	CVBS (RCA)
SPDIF	RCA
LNB in	F-type female, no loop through
Stereo audio	Variable volume (2 x RCA)
Power jack	Figure 8 socket, 85 to 288 VAC, 47~63Hz, 0.3A

Accessories

Fly lead	3 RCA to 3 RCA, 1.8m
Power cord	Moulded 2 pin Euro plug, 1.8m
RCU	Enhanced XMP remote
Batteries	2 AA size

PRODUCT WARRANTY

The manufacturer and MultiChoice warrant :

That the decoder will be free from defects in design, materials and workmanship for a period of 12 months from the date of sale of the decoder to the consumer, the warranty shall not apply in the event of :

- The decoder being tampered with or being opened, worked on, repaired or modified, save by an authorised representative of the manufacturer;
- The decoder not being installed or used in accordance with the manufacturer's specifications;
- Malfunctioning or damage caused by the use of the decoder in conjunction with defective equipment not supplied by the manufacturer;
- The decoder being used to receive other services other than MultiChoice services.

In the event of a breakdown, contact your MultiChoice service representative or dealer. MultiChoice or the manufacturer will, at their sole discretion, repair or replace the decoder that suffers a breakdown covered by the warranty certificate. Repairs must be made by an authorised service centre or repair agent. Please note : should repair be necessary, it is necessary to return both the decoder and Smartcard.

THIS WARRANTY CERTIFICATE MUST BE PRODUCED WHEN REQUESTING SERVICE UNDER WARRANTY.

IMPORTANT : to claim service in terms of this warranty, it will be necessary to produce a valid purchase receipt showing the date of purchase.

DISCLAIMER

Other than set out here and in the Viewer's Guide, the manufacturer and MultiChoice make no warranties express or implied, including but not limited to implied warranties of merchantability and fitness for a particular purpose, with respect to the decoder, including but not limited to the software, the Viewer's Guide, written materials and any accompanying hardware.

Notwithstanding anything to the contrary, and save for the above remedy for breakdown covered by the warranty set out in this warranty certificate, the manufacturer and MultiChoice shall have no liability whatsoever, whether in contract, delict or otherwise for injury, loss or damage, including any loss of business profits of any other consequential damages arising out of the use, installation or operation of the decoder or from any defects therein.

PLEASE NOTE

MultiChoice reserves the right to download software for maintenance of the television reception service from time to time. This may alter the references in the Viewer's Guide. All queries in this regard should be referred to your nearest authorised MultiChoice agent.

Product Model	
Serial Number	
Purchaser's Name	
Purchaser's Address	
Authorised Dealer's Name	
Dealer's Address	
Date of Purchase	