



MINI HD Digital Satellite Receiver



Quick Tips Guide:

DO NOT POWER THE Receiver UNTIL ALL CONNECTIONS HAVE BEEN MADE
Making connections after powering can cause electrical damage to the SHD20 or your Television
This will not be covered under warranty

Once you power the Micro. Go to the correct AV channel on your TV, you should be able to see the television channel running, if you don't and you have a no signal message on the screen, then you may have to change your LNB freq. If you have no pictures and no on screen display you may not have your connections correct or may not be on the correct AV channel. Please refer to your television manual on how to connect AV cables and select AV channels. If you have the No Signal (fig 3) and your connection to the satellite dish is correct - then you may have to change the LNB Frequency - **ALL Micro Receiver's have been tested working before shipping with 10750 LNB !!**

LNB Frequency's - a quick overview and how to change

The receiver unit on the end of a satellite dish is called an LNB
This converts the signal from the satellite to a signal you can send down coax cable to the satellite receiver.
There are 2 main LNB's used in New Zealand. 11300 & 10750
The SHD20 has been pre-programmed for use with the 10750 LNB.
This is compatible with the dual & quad LNB system's currently being installed by SKY Television.
Most installations and satellite dish's are now using the 10750 LNB (also labeled 10.75).
This number will be printed on all quality LNB's.

If you have an older style of LNB it may be a 11300 (or 11.3) then you will just have to change the LNB setting in the SHD20 to get signal.

NOTE: If you have pictures or a 10750 LNB then you do NOT need to adjust this setting.

To change LNB Frequency.

Press 'MENU' button on the remote control.
Select Installation Menu using the Left & Right Arrow buttons.
Press "OK" and enter the password when prompted - Default is **0000**
On the Installation menu select 'Antenna Setup and press "OK'
Highlight 'LNB Freq <10750>' and press the right arrow button twice, this will change the 'LNB Freq to 11300'
Then press 'EXIT' button 2 times to exit.

Automatic search for channels

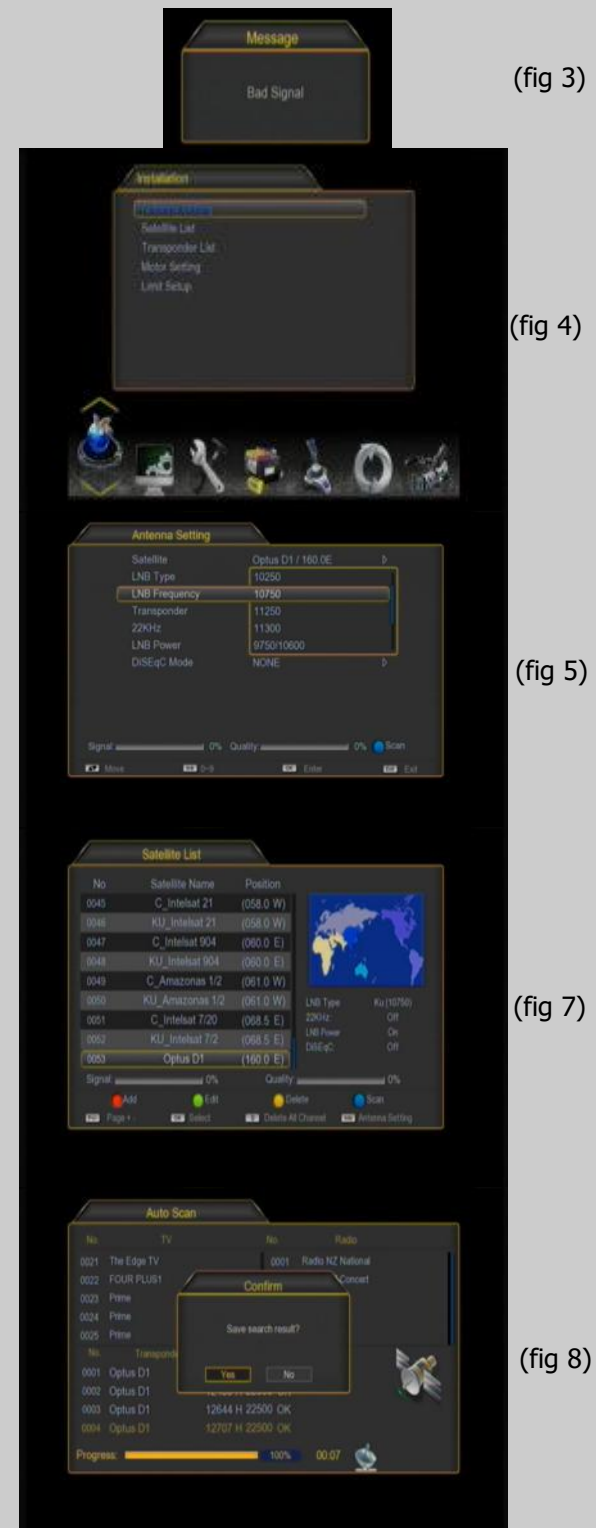
To search for new channels on Freeview or from other providers there is an auto search function. Press 'MENU' on the remote and use the arrow buttons to select the 'Installation' menu as per (fig 4) Now highlight "Satellite List" and press the 'OK' button. Highlight "Optus D1" then press the "Blue" Button (fig 7). In the pop up Menu select "FTA" as the Channel Type and press "OK"

This will now search for any free to view channels available on the selected satellite.

This may take a couple of minutes, once new channels have been found press 'OK' to save

Press 'EXIT' twice to exit and watch TV again.

NOTE: , When you do an auto scan the receiver may find temporary channels or feeds - these channels may only work on a satellite for hours or days, just enjoy these channels while they are working, only the Freeview channels are full time channels.





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Move Channels

If you would like to move the channels into a different order.

Press the 'Menu' button on the remote, and select the "Channel" menu. Highlight "Channel Manager" - Press 'OK'
Scroll up and down the List and highlight the channel to be moved. Press "OK" to highlight the channel you wish to move. (you will notice a **yellow tick** symbol will appear next to the channel)
Now highlight the location you wish to move the channel to Press the "Yellow Button" to complete the move & store the channel
TIP:- You can select and move more than 1 channel at a time

Delete Channel

As per Move Channel, use the same method to select the channels as above so there is a "Yellow Tick" next to the channels to be deleted. Once you have selected all the channels you wish to delete by highlighting them press the "Green Button" to Delete.
- the channel/s you marked will now be deleted.
Press 'Exit' twice on the remote to save.

Satellite Finder Function

Press 'MENU' on the remote and use the arrow buttons to select the 'Installation' menu as per (fig 4) Now highlight "Satellite List" and press the 'OK' button. Highlight "Optus D1" This will show you the signal information bars - This is to help you align your satellite dish.

On this screen you will get Signal Intensity bars , Signal Quality Bars

SIGNAL INTENSITY:

This is the strength of the satellite signal being received all satellite dishes will give a level of signal even if you are not aligned to the satellite. So this bar should be giving you a reading if connected to a satellite dish correctly. (fig 12)
If you have an empty signal intensity then you may have a connection problem or a faulty LNB (fig 13)

SIGNAL QUALITY:

Once you align onto the correct satellite your signal quality will increase and the Signal Status will become 'Locked' / Coloured (Fig 11)

Now all you have to do is get the highest Signal Quality by peaking your satellite dish (refer to your dish instructions on how to do this) Then enjoy Digital TV.

Note: A poorly aligned dish will give low Intensity & Quality, you will also get errors in the data which will be shown by bad pictures or the

Time Setting

To change the time between Summer time and winter time (Day Light Savings) Press the "Menu" Button on the remote and scroll sideways. When you find the Settings Menus Press "OK" scroll down to System and press "OK" and then press "OK" again on the Date Time menu.

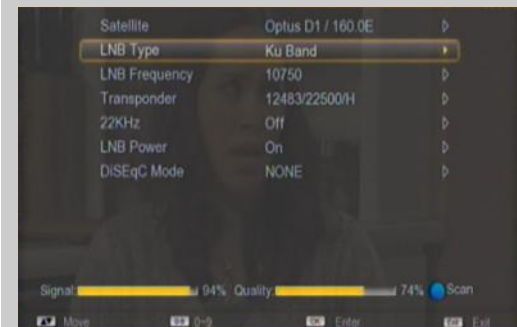
Set the Date Time Mode to "OFF" then turn Day Light Savings on/off as needed. Then return the Date Time Mode to Manual. Exit the Menu to Save.



(fig 9)

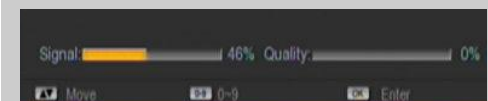


(fig 10)



(fig 11)

Dish aligned and working correctly



(fig 12)

LNB / Dish connected but not aligned to correct satellite



(fig 13)

LNB / Dish not connected or cable - LNB fault

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NOTE: GMT MUST ALWAYS BE SET TO GMT +12



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USB Recording basics.

By using USB stick or HDD with the Micro Satellite Receiver you can record and playback TV.

Select "PVR Config" from the main menu (Fig15)

PVR Setting

You can set TIME SHIFT
OFF - Turns time shift off
PAUSE / AUTO- This turns the time shift feature on (pause live-TV)

PVR Storage Information

We suggest that you use a drive under 500gb and that it is pre formatted IE new out of the Box. If the drive is not recognised then you may have to format the drive on a windows based computer - *please format as NTFS*

Record from the EPG

Press EPG , this will bring up the program guide , use arrow buttons to move around the guide , once you find the program you wish to record. Press 'GREEN' button to activate the timer and a second time to set recording

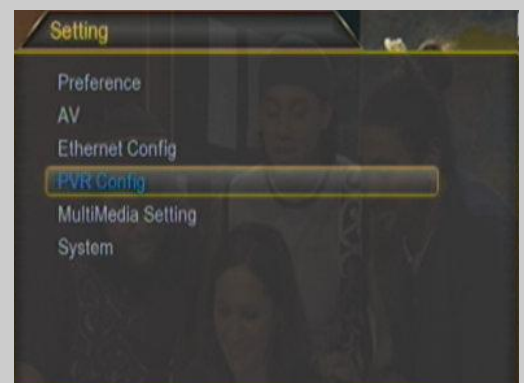
To change recording times or manually set up recording press the "Timer" button and the timer options come up on the screen you can change start & stop times, set a repeating recording or manually program a recording.

To Play Back ,

Enter the Recorded File menu using the "FileList" button on the remote control. Select the attached USB drive with your arrow keys and press okay.

Note: You can have up to two drives connected at one time.

Then highlight the file to play back and press "OK" to Start Playing



(Fig15)

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VERY IMPORTANT INFORMATION & TIPS

Do NOT connect the receiver to the mains supply until HDMI / RCA & Sat leads are connected:

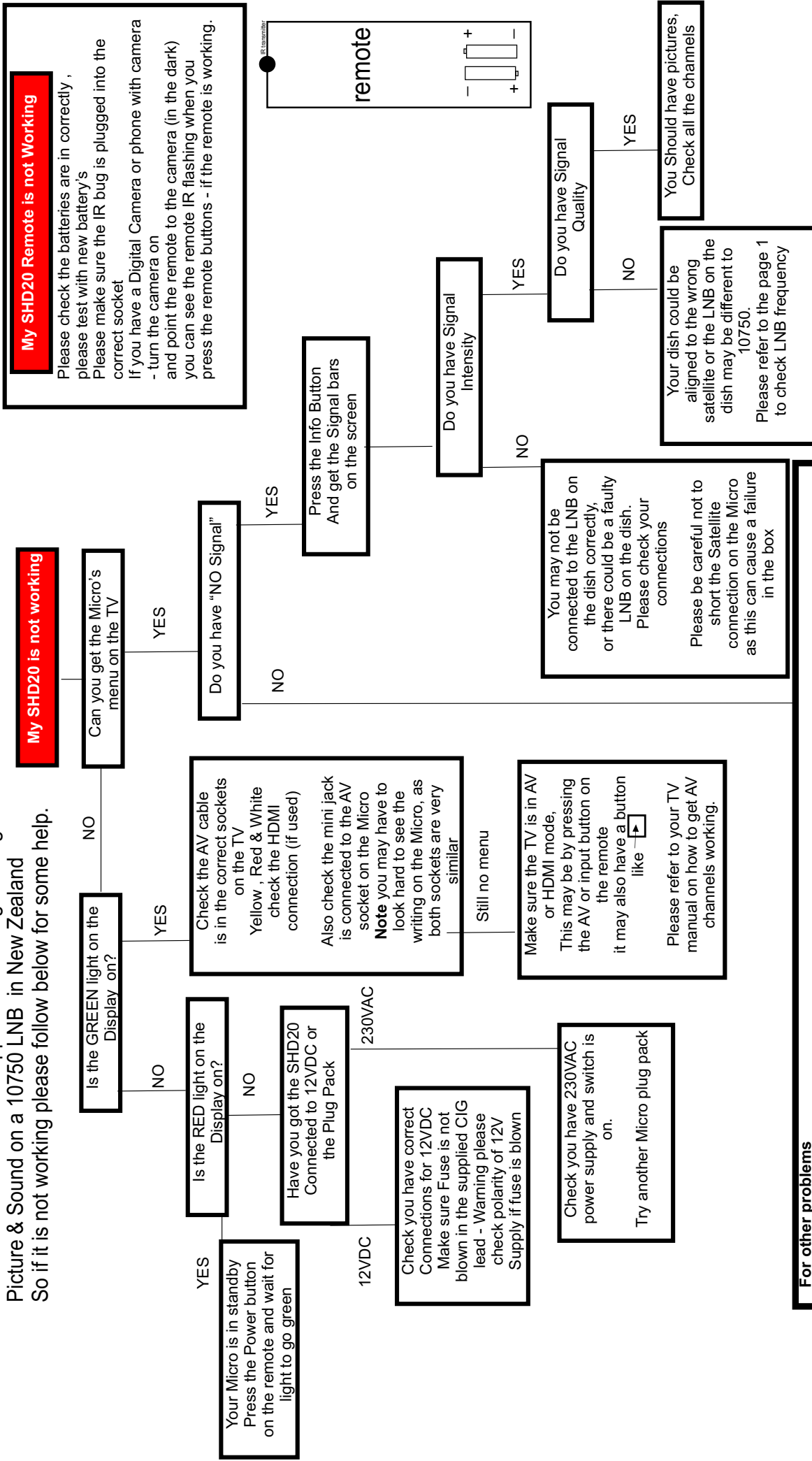
Warranty will be void if installed without good ventilation.

If you connect to an existing dish and have no pictures you may have a 11300 LNB please refer to front of this guide on how to change this. or you may have to change the picture format for HD & SD TV's

After a factory default of the Micro you will have to scan rescan for channels added since the installation and possibly change LNB Settings. We would suggest **never** factory defaulting the Micro unless advised by the manufacture. Always turn the Micro off at the power socket when it's not being used to watch TV - This is a safety message

My Micro Satellite Receiver was installed by:

All Micro Receivers are shipped after testing working with Picture & Sound on a 10750 LNB in New Zealand
 So if it is not working please follow below for some help.



For other problems
 You may need some professional help,
 However if you are using a 10750LNB on your dish please note before a Micro is shipped it is tested and seen working with picture & sound with a 10750LNB