

Solid Signal's

# WHITE PAPER

How to check and set your  
satellite setup for DIRECTV



# WHICH SATELLITE TYPE DO I HAVE?

If you've recently replaced your dish, you might need to check or change the satellite dish type. These are the proper dish types for the different dishes used today. There are many other choices; for a complete list see page 10.

## Non-HD Dishes

01: Round (18")



## Slimline Dishes

Without built-in SWM:  
03: Slimline-3

With built-in SWM:  
17: Slimline-3S (SWM)



Without built-in SWM: 04-Slimline-5

With built-in SWM:  
18: Slimline-5S (SWM)



02: 3-LNB (18"x20")



19: Slimline-3DS (DSWM)

## NEW LNB TYPE

Note: only the front part of the dish is shown

If you are using a dish with built-in SWM technology you must choose the proper option from the menu. If you are converting to SWM technology, reboot the receiver and it should properly detect the SWM and set the switch type to "01:SWM." If you are using an external SWM or do not know whether or not you have a built-in SWM, choose the option for without built-in SWM.

# CHECKING YOUR DISH TYPE

**If you move or change equipment, you may have to redo your satellite setup.**

It sounds like a daunting task but it's not hard. Here's a simple guide to get you through checking your dish setup, checking your signal strengths, and resetting your dish. The only tool you'll need is your remote control.



**Start by pressing the {MENU} button.** You'll see the MY DIRECTV menu as shown to the left. If all you want to do is check your setup, it's easy to do.



**Arrow down to "Settings & Help" and press {SELECT}. Then, with "Settings" highlighted, press {SELECT} again.**





With "Info&Test" highlighted, press {SELECT.} Arrow down to "More System Info" and press {SELECT} again.



You'll see a lot of information. If you have a Single Wire Multiswitch (SWM) you'll see lines for SWM Firmware version and SWM Library Version. If you don't have a SWM, you won't see these items.

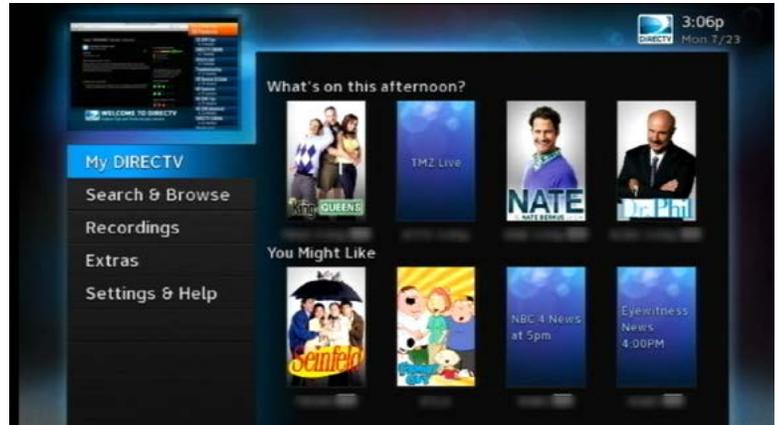


Press the {CHAN/PAGE Down} button. On the next screen you'll see the dish type.

When you're done, arrow over to "OK" and press {SELECT.} Then press {EXIT} to return to live TV.

# CHECKING SIGNAL STRENGTH

If you need to check your signal strength, the procedure is very similar. Again, **start by pressing {MENU}**.



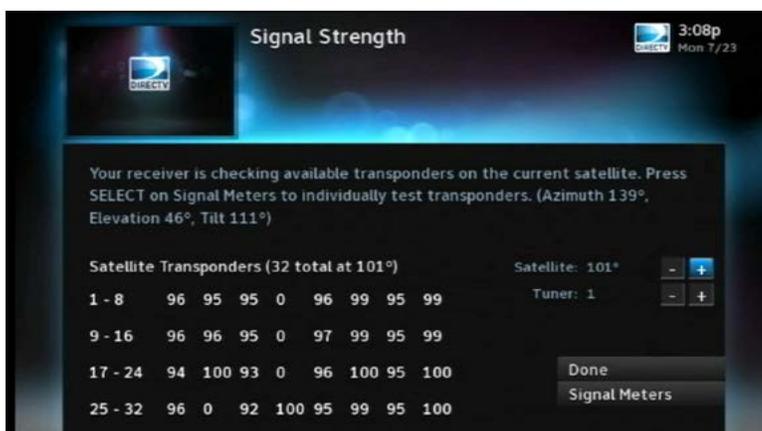
**Arrow down to "Settings & Help" and press {SELECT}. Then, with "Settings" highlighted, press {SELECT} again.**





Arrow down to "Satellite" and press {SELECT}. Then, with "View Signal Strength" highlighted, press {SELECT} again.

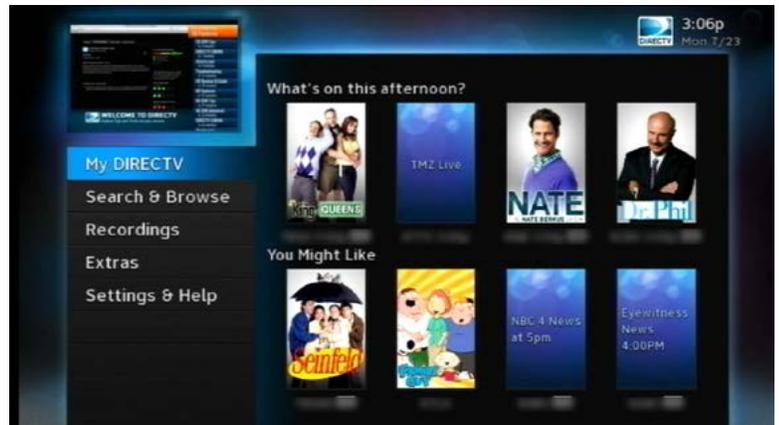
You can highlight the + and - buttons to change which satellite you're looking at and which tuner. It is normal to see zeros or "N/A" on some satellites, but if you see nothing but zeros, or even a lot of zeros or numbers under 70, there is a problem.



When you're done, arrow over to "Done" and press {SELECT.} Then press {EXIT} to return to live TV.

# REDOING SATELLITE SETUP

If you need to redo satellite setup, the procedure is very similar to checking signal strength. **Again, start by pressing {MENU}.**



**Arrow down to "Settings & Help" and press {SELECT}. Then, with "Settings" highlighted, press {SELECT} again.**





Arrow down to “Satellite” and press {SELECT}. Then, arrow down to “Repeat Satellite Setup” and press {SELECT} again.

Because this process interrupts all programming, **you will have to push the {DASH} button** on the remote to continue. When you do, you will see the Satellite Setup menu.



Here you can select the dish type you want and the multiswitch type. If you already have a SWM, that option should be set automatically. If the switch type is “02: Multiswitch” you can arrow over and down to “Recheck SWM” and press {SELECT} if you feel it should be set to SWM.



You will be shown basic settings for aiming your dish based on the ZIP code you entered when the receiver was set up for the first time. If you need to change that ZIP code, arrow over and down to “Dish Pointing”, press {SELECT} and enter a new ZIP code. When the settings are right, arrow over to “Continue,” and press {SELECT}.

The receiver will then go through its automatic setup and retrieval of guide data. This can take several minutes. When it's done, you will have the option to set up the remote if you wish. When setup is finally done, you can watch live TV or view the guide.



# APPENDIX: Complete List of Satellite Types

If you're going to delve deep into the world of DIRECTV, you need to know everything. That's why we've compiled this list of satellite dish types for DIRECTV receivers. Most of these dish types won't ever be used, but they are all there for a reason, and so it's information worth having. Here are the dish types you'll find if the DIRECTV Satellite Dish Setup Screen:

#	Description	Why you'd use it:
01	Round (18")	This is the standard dish type for older-style SD dishes. Use this for temporary installs.
02	3-LNB (18"x20")	<b>Obsolete</b> - This is the old-style 3-LNB dish. It's no longer used because it can't see the HD satellite locations.
03	Slimline-3	This dish is used for commercial installs of HD equipment, for most areas of the country.
04	Slimline-5	This dish is used for commercial installs of HD equipment in areas that need access to the 119 satellite location.
05	Round (18") & 72.5	<b>Obsolete</b> - This setup was used when DIRECTV had international programming on the 72.5 degree satellite location.
06	3-LNB (18"x20") & 72.5	<b>Obsolete</b> - This setup was used to add international programming to the old 3-LNB dish.
07	Slimline-3 & 72.5	<b>Obsolete</b> - This setup was used to add international programming to the Slimline-3 dish.
08	Slimline-5 & 72.5	<b>Obsolete</b> - This setup was used to add international programming to the Slimline-5 dish.
09	Round (18") & 95	This is the correct setup for a WorldDIRECT dish or if using two round dishes to get international programming.
10	3-LNB (18"x20") & 95	<b>Obsolete</b> - This setup was used to add international programming to the now-obsolete 3-LNB dish
11	Slimline-3 & 95	This is the correct setup to add international programming to the Slimline-3 dish.
12	Slimline-5 & 95	This is the correct setup to add international programming to the Slimline-5 dish
13	Round & 72.5 % 95	<b>Obsolete</b> - This setup was used when DIRECTV provided international programming at the 72.5 satellite location.
14	3-LNB & 72.5 & 95	<b>Obsolete</b> - This setup adds international programming to the obsolete 3-LNB dish
15	Slimline-3 & 72.5 & 95	<b>Obsolete</b> - This setup was used when DIRECTV provided international programming at the 72.5 satellite location.
16	Slimline-4 & 72.5 & 95	<b>Obsolete</b> - This setup was used when DIRECTV provided international programming at the 72.5 satellite location.
17	Slimline-3S (SWM)	This is the correct choice for a SWM-enabled Slimline-3 LNB. Most residential installs will choose this.
18	Slimline-5S (SWM)	This is the correct choice for a SWM-enabled Slimline-5 LNB. This setup is used in areas where the local channels are on a satellite at the 119 location.
19	Slimline-3DS (DSWM)	This is the correct choice for a SWM-13 LNB-equipped Slimline dish.



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