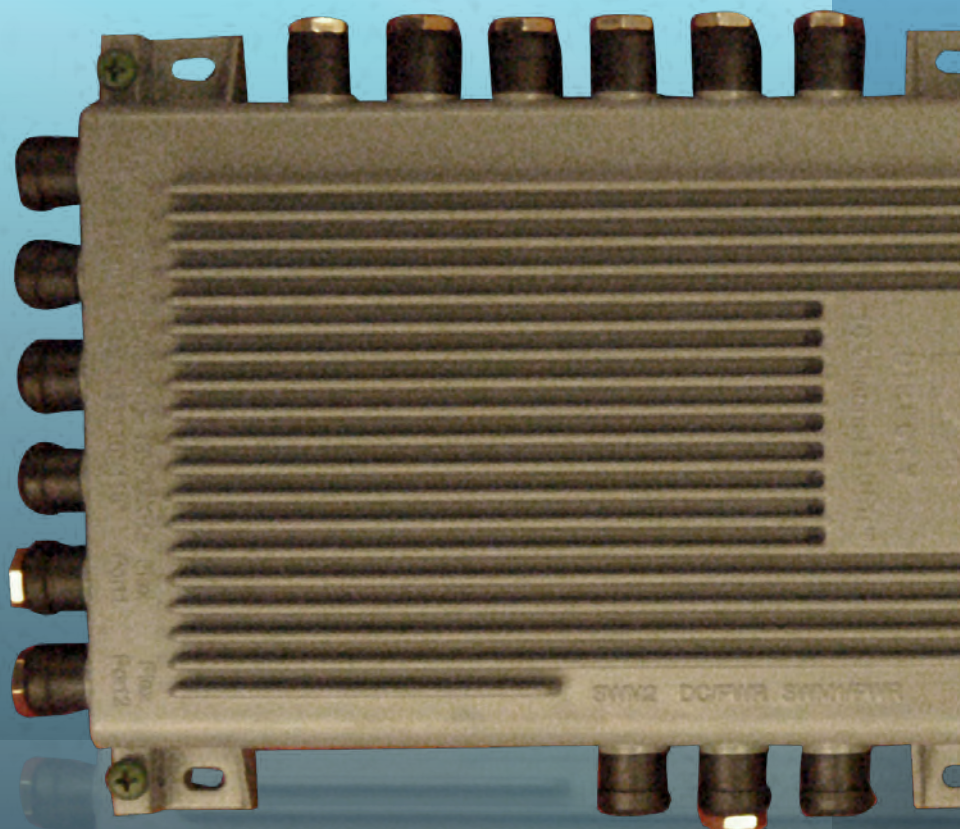




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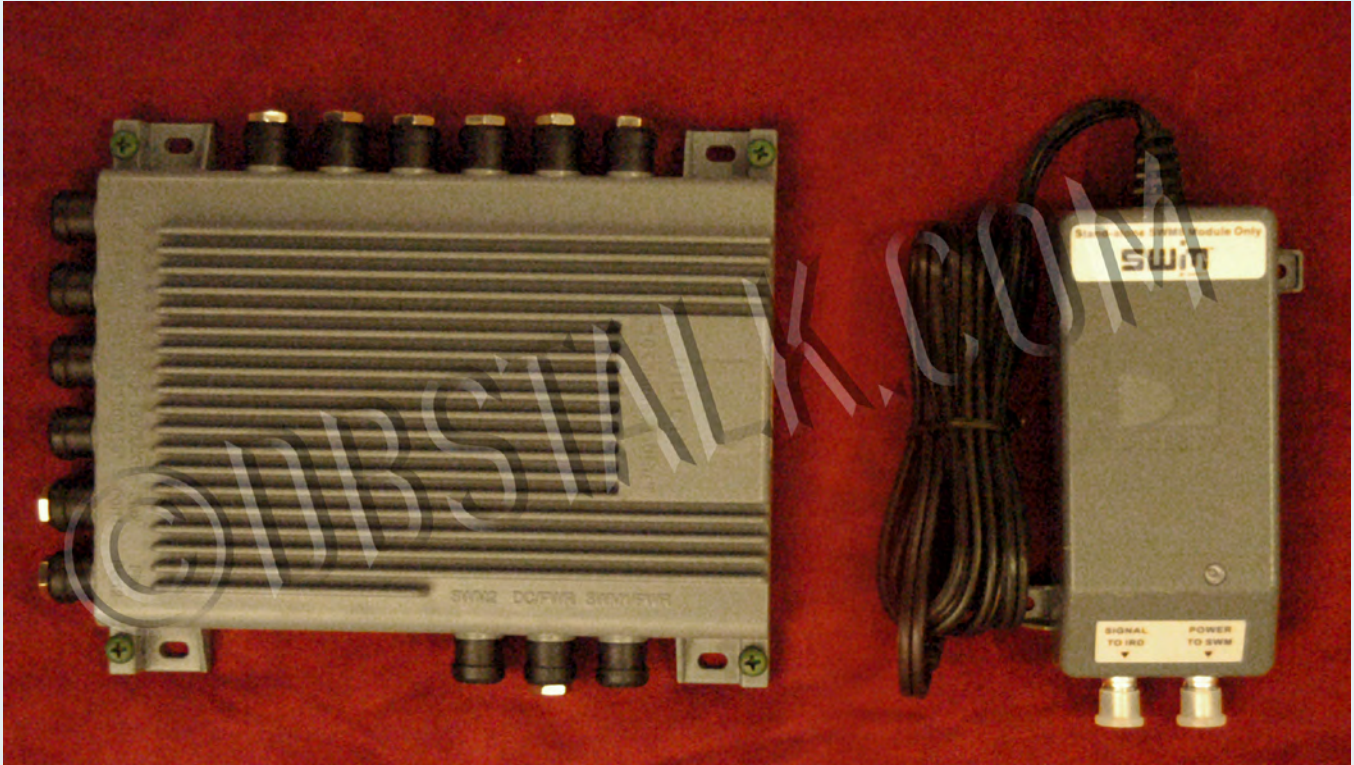
FIRST LOOK SERIES:

DIRECTV

SWiM-16

16-PORT SINGLE WIRE
MULTISWITCH

DIRECTV SWiM-16



It's been 3 years since we first saw DIRECTV's new Single Wire Multiswitch technology. That's when Earl Bonovich (previously w/DBSTalk) presented the First Look of the SWiM-5. The technology was so new at the time that it was called Frequency Translation Module (FTM). DIRECTV has since opted for the more descriptive (and easier to say) SWiM.

Today, I present to you the newest member of the SWiM Team, the SWiM-16. Internally, the SWiM-16 is two separate SWiM-8 systems. The two output ports (SWiM 1 and SWiM 2) provide satellite signals for up to 8 separate tuners each for a total of 16 tuners. No you can connect up to 8 SWiM enabled DVRs to the same multiswitch.

The nice thing about the SWiM-16 is that it includes 4 Legacy ports which can be used to cascade to another multiswitch. This makes it easily expandable if you have more than 16 tuners. Recently, DIRECTV also introduced a new networking technology called DECA (DIRECTV Ethernet over Coax Adapter). DECA combines both the satellite signal from the SWiM and networking on the same coax cable. The SWiM-16 has a crossconnect between the SWiM-1 and SWiM-2 ports allowing all DECA devices to see each other without going through an external link such as a router or switch. DECA, like MoCA, supports up to 16 nodes on one network. Each receiver, DVR or link to a home network is one node.

Please enjoy this look at the SWiM-16!

—Doug Brott

PHOTO GALLERY



SWM Packaging (top)



Power Inserter Packaging



SWM Packaging (bottom)



16-Channel SWiM Identification



Satellite inputs and Flex Ports



SWM and Power Ports



Legacy Ports

PHOTO GALLERY



Power Inserter (top)



Power Inserter (bottom)



SWiM Mounted



Power Inserter Mounted



Underbelly of SWiM-16

FREQUENTLY ASKED QUESTIONS

Q: Why SWiM Technology?

A: SWiM Technology lets installers use existing wiring in newer homes and makes it easier to install service in older homes with less wiring and less damage to the home.

Q: Will this work with the SWiMline dish?

A: No, you will need a Slimline (either 3- or 5-LNB), but the SWiM-16 will need all four connections from a standard non-SWiM dish. The SWiMline dish models all have built in SWiM-8 multiswitches which will not provide the proper signaling for the SWiM-16 Multiswitch.

Q: How big is the SWiM-16?

A: The SWiM-16 is physically only slightly larger than the SWiM-8. The dimensions of the SWiM-16 are roughly: 8¼" x 6¼" x 1½"

Q: Does the SWiM-16 work with Multi-Room Viewing?

A: Yes, just like all SWiM models, DIRECTV will support Multi-Room Viewing using MoCA enabled receivers and/or DIRECTV Ethernet over Coax Adapters (DECA).

Q: How can I tell if my receiver is SWiM connected?

A: The easiest way to do this is to press the dash key (-) on your remote control while viewing live TV. If you are using SWiM technology, you will see a dialog that states SWiM Connected.

Q: Can I use the SWiM-16 for older receivers?

A: Yes, there are a total of four legacy ports available. These legacy ports also pass the Ka-band which means you can cascade to another multiswitch if needed.

Q: Does my receiver support SWiM Technology?

A: All receivers in the HR2x and H2x series as well as the R16 and D12 support SWiM Technology.

Since its inception in 2001, DBSTALK.com has grown to represent the satellite communities for DIRECTV, Dish Network, Sirius/XM and Free-to-Air satellite reception. We provide user-to-user support for tens of thousands of users and are read by millions across the Internet, giving us the title of "The Internet's Satellite Resource."

Please note that some DBSTalk.com testers and staff members may have received free equipment from DIRECTV or its partners for the purpose of evaluation and testing.

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