



What switch will work best for my facility?

One of the most commonly asked questions is “What switch do I need to use with the Wheatnet IP Audio System?” The type or size of switch depends on the amount of Wheatnet IP hardware you will install in your facility. Wheatstone can make switch recommendations for your facility based on your needs.

Single Studio Applications



The [Cisco Catalyst 2960G-8TC](#) Compact switch is perfect for small studio installations in which you will install the switch in the studio. It has seven 10/100/1000 Ethernet ports and one dual-purpose Gigabit port. It is fanless, so it can be physically located in the studio without fan noise, and, with its compact size, space will not be an issue. There is an optional Rack Mount accessory kit if rack mount is desired. This is a cost effective solution for small facilities and could be re-purposed as an edge switch if expansion is required in the future.

Small Studio Applications



The [Cisco Catalyst 2960G-24TC](#) is a great solution for a one to four studio facility. Having 20 10/100/1000 and four Dual-purpose Gigabit Ethernet Uplink ports it can easily accommodate two studios of gear. This switch can be re-purposed as an edge switch if expansion is required in the future.



The [HP ProCurve 2810 Series](#) (J9021A, J9022A) switches come in 24 and 48 port models. The 24 port model provides 20 10/100/1000 ports with four dual personality ports. The 48 port model provides 44 10/100/1000 ports and four dual personality ports. This is a good choice for a central switch for a one to four studio facility, but could also be a good edge switch if future growth is required.

Medium to Large Studio Applications



The [Cisco Catalyst 3560G Series](#) is a great choice for an Edge switch in a 5 to 10 studio facility where you may need to connect three or four studios to a single switch. This switch comes in 24 and 48 port models. The 24 port model provides 24 10/100/1000 ports and four SFP ports. The 48 port model provides 48 10/100/1000 ports and four SFP ports. This switch runs the same software as the 3750 (see below) with the exception that it is a standalone switch, not stackable.



The [Cisco Catalyst 3750G Series](#) is the perfect choice for a large installation where it can be placed as the core switch in a Technical Operation Center or Rack Room. There are 24 and 48 port models available. The 24 port model provides 24 10/100/1000 ports and four SFP ports. The 48 port model provides 48 10/100/1000 ports and four SFP ports. The 3750 is also a stackable switch, with the ability to stack up to nine switches into a single logical device using Cisco Stackwise technology. Both the 3750 and the 3560 (above) support the RPS 2300 redundant power supply option, providing an alternate power source in the event of a failure in the internal supply.