

AVSM and AVS44 Synchronization Modules: The Best Choice For Your Installation

Below are popular questions regarding the AVSM and AVS44 Synchronization Module. The answers will help guide you to choosing the best Synchronization module for your installation and the differences between modules.

- 1) **Q: *Can the AVS44 Module be used to synchronize all current Gentex products?***
A: No, the 12 volt products that Gentex manufactures must be synchronized by using the AVSM Module.
- 2) **Q: *Can the AVSM Module be used to synchronize all current Gentex products?***
A: No, the ST/HS Series (Commander¹) Strobes and Horn/Strobes and any "Z" model Gentex units will not work with the AVSM Module. The AVS44 Module must be used.
- 3) **Q: *Is it possible to interconnect the Commander¹ Series with the Commander², Commander³ and/or Commander⁴ Series using the AVSM Module?***
A: The AVSM Module can not be used with any Commander¹ units. In order to interconnect the Commander¹ Series with the Commander², Commander³ or Commander⁴ Series, the AVS44 Module must be used.
- 4) **Q: *Does the AVSM and AVS44 Modules come with a housing enclosure?***
A: Yes, both the AVSM and AVS44 (manufactured after 10-01-03) have a surface mount box and cover plate and are available in red and white.
- 5) **Q: *Why did Gentex create the AVSM Module?***
A: There are three reasons why the AVSM was created:
 - a. The 12 volt products will not synchronize using the AVS44 module.
 - b. The solid state switch is more reliable than relay contacts and will last longer.
 - c. When using the Commander², Commander³, Commander⁴, SSPK and GX93, the AVSM Module will operate more efficiently and effectively. The flash rate of the signals while using the AVSM is closer to 1Hz and allowing signals to draw less current.
- 6) **Q: *What are differences between the AVSM and AVS44 Modules?***
A: There are two differences between the AVSM and AVS44 Modules:
 - a. The AVSM operates from 8-33VDC or FWR, whereas the AVS-44 operates from 16-33VDC or FWR.
 - b. The AVSM uses a solid state switch to control the flash rate. The AVS44 (manufactured before 10-01-03) uses a relay contact.

	AVS44	AVSM
GX91/GX93 Mini-Horns	X	X
ST/HS Series Commander 1	X	
GE Series Commander 2	X	X
GE3 Series Commander 3	X	X
GE3-12 Series Commander 3 12VDC		X
GC Series Commander 4	X	X
SSPK Series	X	X
Z Series Products	X	
GENTEX		
AVS44/AVSM Synch. Module Chart		