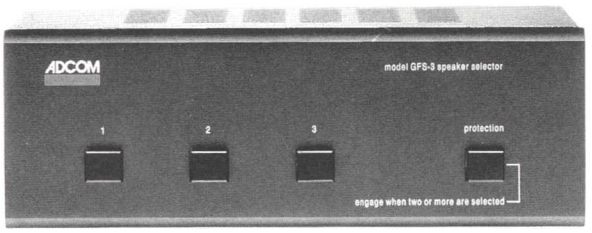
Adcom Speaker Selectors

Today, a quality stereo system represents a significant investment. Many music lovers have discovered that additional speakers throughout their home or business environment greatly increase both their musical enjoyment and convenience for a relatively modest expenditure.



GFS-3

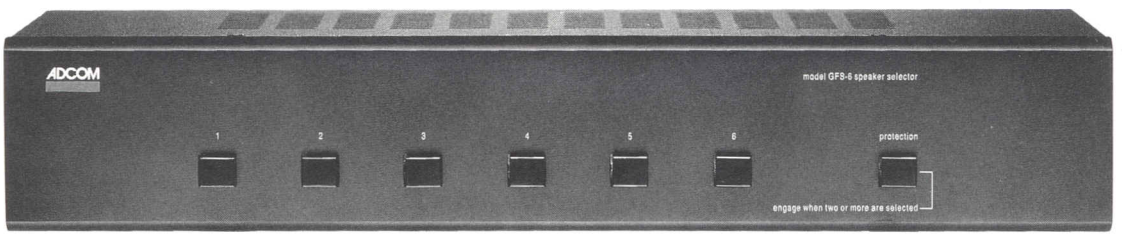
Your favorite music or program can be heard in your living room, den, office, bedroom, workshop, kitchen, bathroom, patio or almost anywhere. All you need is appropriate speakers for each room and one of ADCOM's multi-room speaker selector systems. To achieve this benefit, ADCOM has designed a series of speaker selectors which address the individual needs of most users offering great flexibility, and without compromising the performance capabilities of the basic sound system. Depending on your requirements, choose either the GFS-3 or GFS-6 with Minimum Impedance Protection,™ or the audiophile grade GFS-4.

ADCOM® Minimum Impedance Protection™ Speaker Selectors GFS-3/GFS-6

Amplifiers are designed to operate efficiently into a certain impedance "load." Each time you add a pair of speakers, you reduce the impedance presented to the output of the amplifier. For example, if you are driving two pairs of 8-ohm speakers simultaneously, your amplifier "sees" a load of about 4 ohms. Adding more speakers to the amplifier's "load" reduces the impedance the amplifier is driving still further. If the loudspeakers you are using have an impedance of 4 ohms, the load the amplifier sees when driving multiple sets is even lower—in some cases less than 1 ohm. Such very low impedances are usually outside the range within which most amplifiers can operate efficiently, if at all. When you require your amplifier to drive a very low impedance load (beyond its design limitations) the results will always be unsatisfactory. Either the protective circuits in the amplifier will be activated, shutting down the operation of the amplifier completely, or the current limiting circuitry within the amplifier will sharply curtail power output. In this case, unpleasant distortion will be audible regardless of the volume level at which the multiple speakers are being played. ADCOM GFS-3/GFS-6 Speaker Selectors incorporate circuitry which insures Minimum Impedance Protection™ regardless of how many pairs of speakers you may want to drive simultaneously.

By simply pushing in the PROTECTION button, massive protection resistors are inserted into the amplifier-speaker line to insure that the load impedance your amplifier "sees" is within its operable impedance range. This low-impedance protection enables your amplifiers to drive several speaker systems simultaneously without activation of the amplifier's protection circuits, and without amplifier shut-down.

The GFS-3/GFS-6 Speaker Selectors are designed to be wired between your amplifier (or receiver) and your loudspeakers. The GFS-3 will accommodate up to three pairs of speakers while the GFS-6 will permit you to use up to six pairs. Both the GFS-3 and GFS-6 feature:



GFS-6

- Wide-contact, heavy-duty switches capable of handling the full output of amplifiers up to 200 watts per channel.

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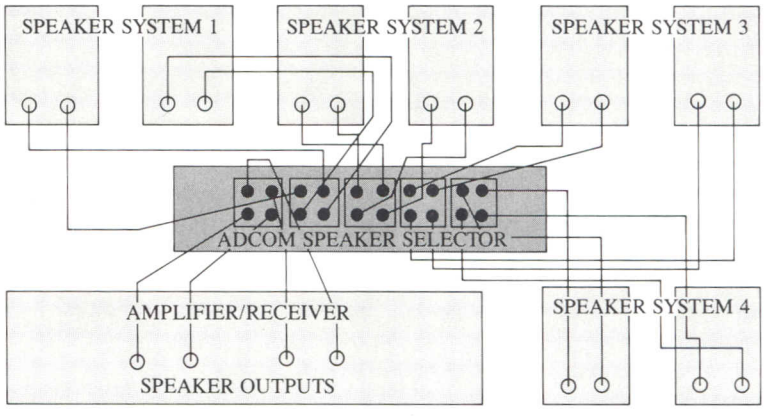
• High-quality circuit board design with wide signal traces for minimum power loss.

• Easy to connect, twist-lock input and output terminals insure positive contact with both speaker and amplifier cables and lock in the cable ends to prevent accidental disconnection.

• Selectable Minimum Impedance Protection™ circuitry for optimum flexibility.



Designed for simple installation between your amplifier and loudspeakers, the GFS-4 may be used to connect from one to four pairs of loudspeakers.

ADCOM GFS-4 Speaker Selector

The GFS-4 is truly an audiophile grade loudspeaker switching system. It was designed to be the best product of its type available regardless of price. During its design and construction particular attention was paid to the critical internal wiring and connections to insure that no degradation of sound quality would be audible in use. Among the many important construction details in the GFS-4 are:

• Extremely low internal resistance for minimum power loss; well below the contact resistance of the amplifier output connectors.

• The highest grade of heavy-duty, gold-plated, solid-brass, 5-way binding posts, found only in the finest quality instrumentation-grade equipment.

• Glass-fiber-epoxy (NEMA FR-4 grade) circuit board construction with the widest signal traces for minimum power loss; resistance of less than 0.001 ohms; will not degrade the damping-factor of any amplifier.

• Oxygen Free Copper (OFC), internal wire jumpers of 12AWG stranded cable to insure signal integrity.

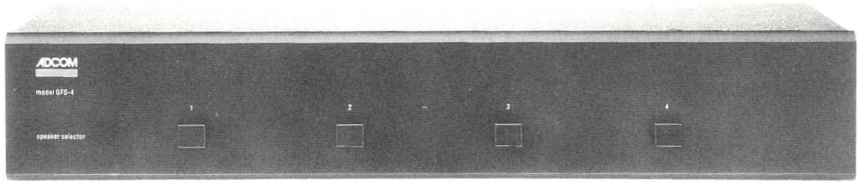
• Massive nickel-plated-copper ground buss-bar; to insure lowest connection resistance between grounds.

Designed to be wired between your amplifier and the loudspeakers, it may be used to connect from one to four pairs of loudspeaker systems simply and conveniently. You can play more than one speaker system at a time by pressing the appropriate button on its front panel.

If you own an ADCOM-brand amplifier, you can safely drive one or two pairs of 8-ohm or 4-ohm speakers up to any reasonably tolerable home listening level. Should you intend to operate three or more pairs of speakers simultaneously, we suggest the use of an ADCOM GFS-3 or GFS-6 Speaker Selector with Minimum Impedance Protection™. Should you own another brand amplifier, you should consult its instruction manual, or ask your audio specialist dealer for guidance, before connecting two or more speaker systems simultaneously to your amplifier.

ADCOM wants you to enjoy your system to its maximum by providing you with the capability to easily and safely fill your living or working space with music. ADCOM's reputation for "excellence without extravagance"* is further exemplified by the GFS-3, GFS-6 and GFS-4 Speaker Selectors. If you have any questions about adding more speakers to your stereo system be sure to see your ADCOM dealer.

**The New York Times, SOUND, Hans Fantel, 12/11/88.*



GFS-4

Dimensions

GFS-3

Chassis = 8⅝" (219mm) W × 2⅞" (73mm) H × 5⅞" (149mm) D

Maximum = 8⅝" (219mm) W × 3 3/16" (86mm) H × 6⅝" (168mm) D

GFS-6

Chassis = 17" (432mm) W × 2⅞" (73mm) H × 5⅞" (149mm) D

Maximum = 17" (432mm) W × 3 3/16" (86mm) H × 6⅝" (168mm) D

GFS-4

Chassis = 17" (432mm) W × 2⅞" (73mm) H × 5⅞" (149mm) D

Maximum = 17" (432mm) W × 3 3/16" (86mm) H × 7" (179mm) D

ADCOM®
fine stereo components

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