

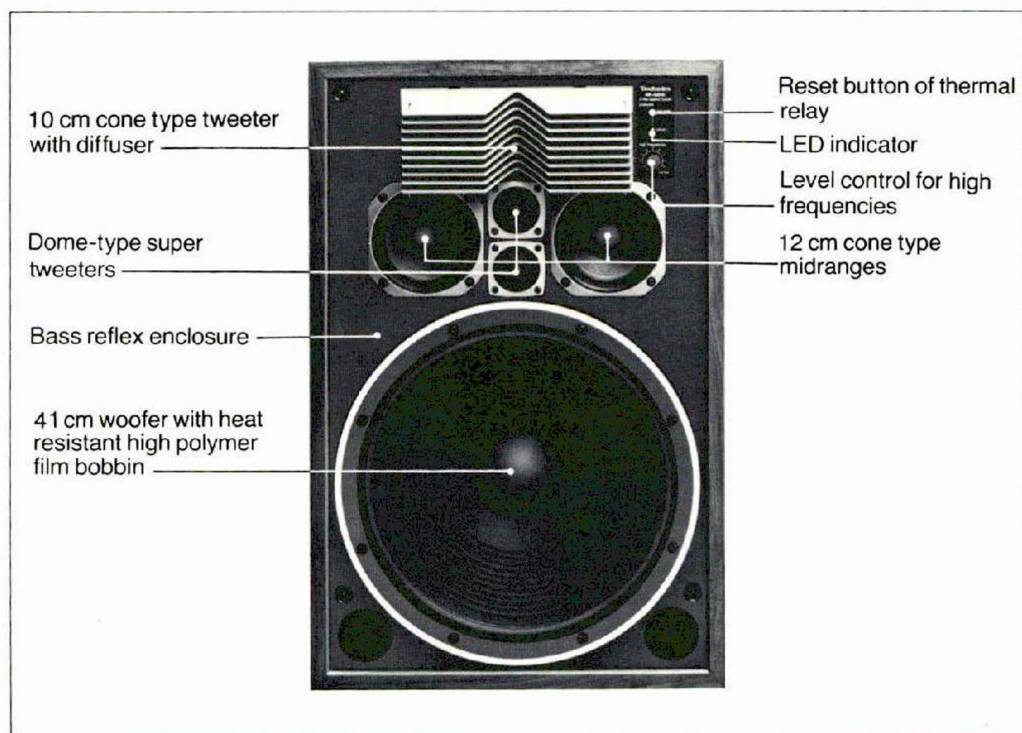
# Technics SB-G500

4-Way 6-Speaker System





# SB-G500 4-Way 6-Speaker System



## 10 cm Tweeter with Diffuser

The all important range from 4,000 Hz to 10,000 Hz uses a tweeter with an aluminum bobbin for improved power handling capacity. A diffuser assures wide dispersion of sound to all parts of the room.

## Two Dome-Type Super Tweeters

Super high sound above 10,000 Hz is the work of two 1.4 cm dome-type super tweeters with thin metallized polyester film diaphragm that feature superior sound dispersion.

## Thermal Relay Protection & Level Control

The system has a resettable thermal relay protection against overload. This protective device does not interfere with the sound under normal conditions but should there be heat build-up for some reason, it cuts off the input to protect the speakers. It is easily and quickly reset by pushing a button. A red LED indicator lights up to indicate that the thermal relay protection has cut off the input to the tweeter. There is also a level control for the tweeter and super tweeters to tailor high frequencies to individual tastes and room conditions.

## Tremendous 300 W Power Handling Capacity

For more realistic sound reproduction today's stereo integrated amplifiers and stereo receivers are going for bigger and bigger power and must be complemented by speaker systems with high power handling capacity. The speaker system must also be designed to handle the problem that occurs when even relatively low power amps are used with their tone controls all the way up. Even if volume is less than maximum, a low power amp operated in this way can damage a speaker unit. To meet these needs Technics developed the SB-G500 with its tremendous 300 watt power handling capacity.

The SB-G500 uses six units symmetrically arranged on the right and left for an even dispersion pattern in both directions and for excellent sound localization. Without the grille the effect is quite mechanical showing a nose of diffuser but with the grille on this speaker system takes on an elegant look that will match the decor of any room.

## Gigantic 41 cm Woofer for Rich Bass

Rich bass is, of course, needed for contemporary as well as classical music. If you like disco sound, the bass from the gigantic 41 cm woofer will really impress you. If you prefer classical music, you'll be surprised at the rich lows from

the bass instruments in the orchestra. The heat resistant high polymer film bobbin used in this woofer is one reason for the high power handling capacity. The bass reflex enclosure also contributes to outstanding bass.

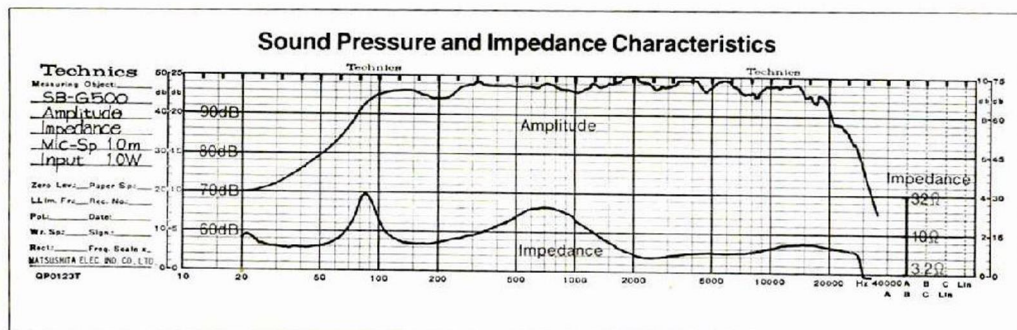
## Other High Performance Speaker Units

### Two 12 cm Midranges

Two 12 cm cone-type midrange units take care of the range from 1,500 Hz to 4,000 Hz. They also use a high polymer film bobbin with high heat resistance for excellent high power handling capacity.

## Technical Specifications

|                       |                                                                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Configuration         | 4-way, 6-speaker bass-reflex                                                                                                                                           |
| Speaker units         | Woofer: 41 cm (16-1/8") cone type<br>Midrange: 12 cm (4-3/4") cone type x2<br>Tweeter: 10 cm (4") cone type with diffuser<br>Super tweeter: 1.4 cm (5/8") dome type x2 |
| Impedance             | 8 ohms                                                                                                                                                                 |
| Input power           | 300 W                                                                                                                                                                  |
| Output level          | 99 dB/W, (1.0 m)                                                                                                                                                       |
| Frequency range       | 20 Hz~25 kHz                                                                                                                                                           |
| Crossover frequencies | 1,500 Hz, 4,000 Hz, 10,000 Hz                                                                                                                                          |
| Dimensions (HxWxD)    | 71.0x46.4x29.6 cm (28"x18-1/4"x11-5/8")                                                                                                                                |
| Weight                | 21.2 kg (46.7 lb)                                                                                                                                                      |



# Technics

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