

# Sylvania Matched Component systems



## Sylvania Matched Component Systems

# something special for your ear and your pocketbook

Let Sylvania audio engineers design your complete component system. Receiver, turntable and air suspension speakers are selected for complete compatibility.

All performance characteristics carefully matched . . . amplifier power, phono input sensitivity, speaker sizes. Three complete matched component systems with quality sound for the careful shopper.

All three receivers with built-in Phase Q4 matrix circuitry for full-dimensional sound. Phase Q4 simulates the reflected sound of the concert hall. Gives the effect of four channel sound. Simply add a second pair of speakers and enjoy Sylvania Phase Q4. No additional decoders or amplifiers are necessary.

Each entire system comes packed in one ready-to-deliver carton.

### Component System

## ACS28W

### outstanding FM performance

- CR2742A solid-state receiver provides 80 watts IHF music power into 8 ohms, 150 watts into 4 ohms
- 50 watts total continuous power (RMS) into 8 ohms, both channels driven
- Front panel headphone jack
- Built-in Phase Q4 matrix four channel circuitry
- Scratch and rumble filters
- Automatic turntable system includes Garrard 6•300 changer with Pickering magnetic cartridge, base and dust cover
- Sylvania AS3708W air suspension speakers with 8" bass woofers and 3" tweeters
- All cabinets of attractive Walnut-grained vinyl on wood composition

Receiver: Height 5 $\frac{3}{8}$ " Width 16 $\frac{7}{8}$ " Depth 13"  
Turntable: Height 7 $\frac{3}{4}$ " Width 16 $\frac{1}{2}$ " Depth 14 $\frac{1}{4}$ "  
Speaker: Height 18 $\frac{3}{4}$ " Width 12" Depth 9"

### Component System

## ACS16W

### precision turntable with magnetic cartridge

- CR2741W solid-state receiver provides 50 watts IHF music power into 8 ohms
- 25 watts total continuous power (RMS) into 8 ohms, both channels driven
- Front panel headphone jack
- Built-in Phase Q4 matrix four channel circuitry
- Automatic turntable system includes Garrard 6•300 changer with Pickering magnetic cartridge, base and dust cover
- Sylvania air suspension speakers with 8" bass woofers and 3" tweeters
- SP40 headphones included
- All cabinets of attractive Walnut-grained vinyl on wood composition

Receiver: Height 5" Width 17 $\frac{1}{8}$ " Depth 12"  
Turntable: Height 7 $\frac{3}{4}$ " Width 16 $\frac{1}{2}$ " Depth 14 $\frac{1}{4}$ "  
Speaker: Height 18" Width 11" Depth 9"

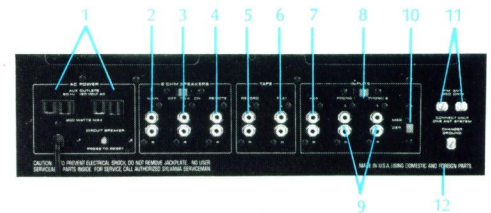
### Component System

## ACS14W

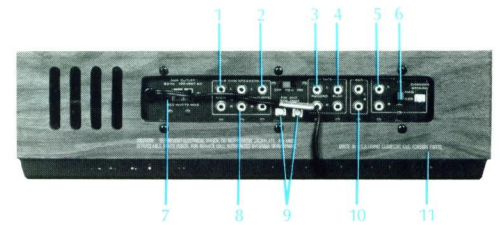
### built-in matrix four channel circuitry

- CR2740W solid-state receiver provides 20 watts IHF music power into 8 ohms
- 10 watts total continuous power (RMS) into 8 ohms, both channels driven
- Front panel headphone jack
- Built-in Phase Q4 matrix four channel circuitry
- Full size BSR changer with ceramic cartridge, diamond stylus and cue-pause control
- Sylvania air suspension speakers feature 6" woofers and 3" tweeters
- All cabinets of attractive Walnut-grained vinyl on wood composition

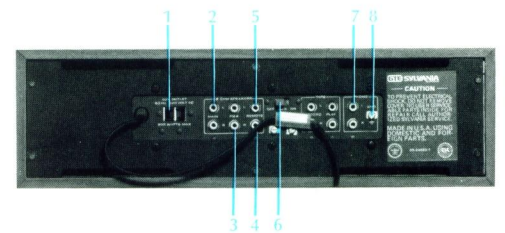
Receiver: Height 5 $\frac{3}{8}$ " Width 17 $\frac{1}{8}$ " Depth 12"  
Turntable: Height 7 $\frac{1}{8}$ " Width 16 $\frac{1}{2}$ " Depth 14 $\frac{1}{4}$ "  
Speaker: Height 13 $\frac{3}{4}$ " Width 8 $\frac{3}{8}$ " Depth 6 $\frac{1}{2}$ "



- 1 Auxiliary AC outlets
- 2 Main speaker output
- 3 PQ4 speaker output
- 4 Remote speaker output
- 5 Tape record output
- 6 Tape play input
- 7 Auxiliary input
- 8 Phono input selection switch
- 9 Phono inputs for two different turntables
- 10 Selection switch for magnetic or ceramic phono cartridge
- 11 300 ohm FM antenna terminal
- 12 Made in U.S.A.



- 1 Main speaker output
- 2 Remote speaker output
- 3 Tape record output
- 4 Tape play input
- 5 Phono input
- 6 Selection switch for magnetic or ceramic phono cartridge
- 7 Auxiliary AC outlet
- 8 PQ4 speaker output
- 9 300 ohm FM antenna terminals
- 10 Auxiliary input
- 11 Made in U.S.A.



- 1 Auxiliary AC outlet
- 2 Main speakers
- 3 PQ4 speakers
- 4 Line cord FM antenna
- 5 Remote speakers
- 6 PQ4 on/off switch
- 7 Phono input
- 8 Phono ground

## specifications

### ACS28W

### ACS16W

### ACS14W

#### Amplifier Section

Total Harmonic Distortion	0.5% at rated output 0.1% at 1/2 rated output	Less than 1% at rated output	1% at 1 Watt
Intermodulation Distortion	0.5% at rated output 0.2% at 1/2 rated output	Less than 1% at rated output	1.5% at 4 Watts
Frequency Response	17 Hz-35 kHz (+0, -3 db)	25 Hz-20 kHz (+0, -3 db)	55-22,000 Hz (+0, -3 db)
Power Bandwidth (IHF)	17 Hz-30,000 Hz	25 Hz-20 kHz (-3 db)	
Damping Factor	15		
High Filter	6 db per octave, -8 db at 10 kHz		
Low Filter	12 db per octave, -13 db at 20 Hz		

#### FM Tuner Section

Sensitivity (IHF)	1.9 microvolts	2.5 microvolts	4.0 microvolts
20 db Quieting	1.3 microvolts	1.5 microvolts	2.3 microvolts
Full Limiting (1 db)	1.2 microvolts		
Signal to Noise	60 db	60 db	60 db
Capture Ratio	1.5 db	5.5 db	6.5 db

#### Accessory Jack Panel

So you can add additional components whenever you're ready	Main speakers, Phase Q4 speakers, Remote speakers, Two phono, Tape-record, Tape-play, Auxiliary	Main speakers, Phase Q4 speakers, Phono, Tape-record, Tape-play, Auxiliary	Main speakers, Phase Q4 speakers, Remote speakers, Tape-play, Tape-record, Phono
------------------------------------------------------------	-------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------	----------------------------------------------------------------------------------