

SC12-30

SYSTEMS INTEGRATION AMPLIFIER 12-CHANNEL FULLY CONFIGURABLE POWER AMPLIFIER



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Offering the classic SpeakerCraft stability that you've come to know and trust, the powerful SC12-30 will exceed your installation needs.

Specifically designed to solve the problems of interfacing with different brands and models of equipment, and different rooms and applications, the SC12-30 makes installation easier and more straight forward than ever before. Fully configurable, with 12-channels that provide 30W per channel (80W when bridged) and our unique BusMatrix™ Selector, the SC12-30 is the perfect multi-zone or multi-room solution.

FEATURES & BENEFITS

- **Real World Power:**

The SC12-30 is a 12-channel amplifier that delivers a solid 30 watts per channel RMS into 8 ohms and 40 watts per channel RMS into 4 ohms. A massive toroidal transformer design provides the energy necessary to efficiently deliver solid, deep, controlled bass response to a house full of speakers.

- **Turn-On Modes:**

The SC12-30 features three turn-on modes:
1. Manual turn-on via the front panel switch,
2. Audio Sense and 3. External Voltage trigger. Audio Sense and External Voltage trigger modes enable you to configure the SC12-30 to interface with any kind of system and turn on automatically.

- **Twelve to Six Channel Configurable Power:**

Each of the SC12-30's six adjacent speaker output pairs are bridgeable. You can create up to six 80 watt channels by sliding the bridging switches located between each pair to the "bridged" position. This enables you to allocate more power

to specific locations, such as large rooms or outdoor applications.

- **BusMatrix™ Selector:**

Our unique BusMatrix™ selector gives you the flexibility to assign each channel to a common Left, Right, or Mono signal bus, or to a dedicated signal input. With BusMatrix™, routing surround sound to the master bedroom, stereo to the den and mono to the powder room is as simple as flicking a switch. BusMatrix™ makes the SC12-30 an ideal multi-room or multi-zone amplifier and offers exciting new features and system design possibilities to the professional installer.

- **Freedom from Noise and Cross-Talk:**

The SC12-30's BusMatrix™ incorporates advanced PCB construction ensuring extremely high channel to channel isolation. Signal to noise ratios and cross-talk are equivalent to a professional mixing board found in a recording studio. With the SC12-30, the music playing in the living room cannot interfere with the music in the den.

FEATURES:

- Fully configurable 12-Channel amplifier
- Switchable 110V-230V power supply
- Unique BusMatrix™ selector allows each channel to select from 4 options: left bus, right bus, left plus right bus (summed stereo), or the channel's dedicated input
- Three turn-on modes: music sense, voltage trigger, and manual
- Audio circuitry constructed with the finest parts available, including 1% metal film resistors, high quality capacitors and oversized heat sinks for clear and uncolored sound
- Independent level controls for all 12 channels
- Status display for troubleshooting

SPECIFICATIONS:

- 30 watts RMS per channel into 8 Ohms (all channels driven)
- 40 watts RMS per channel into 4 Ohms (all channels driven)
- Adjacent channels are bridgable to 80 watts RMS into 8 Ohms (all channels driven)
- Total Harmonic Distortion: 0.2% THD from 20Hz to 20kHz
- Voltage trigger input accepts 3-24VAC/DC
- 12-volt control out
- Removable line cord
- Tested and certified to US, Canada, EU, and Australian safety and EMC standards
- Rack mount ears included
- Two year limited warranty
- Overall dimensions:
 - o 17.25" (43.81cm) wide – 5.75" (14.47cm) high (including feet)
 - o 16.25" (41.11cm) deep
- Weight: 35 lb. (15.8 kg)

APPLICATION:

