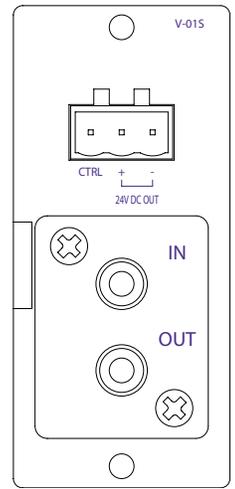
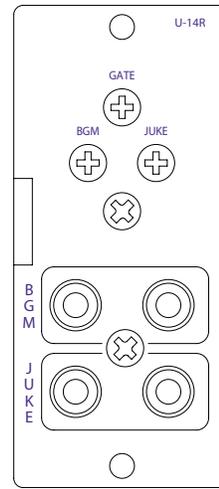
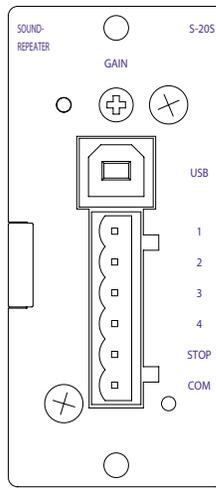


**900  
SERIES  
MODULES:  
S-20S  
U-14R  
V-01S**



**HIGHLIGHTS**



**S-20S Digital Message/Tone Module w/USB**

- **Digital Audio Storage Module** for messaging and tone-signaling applications
- **USB Interface** for fast audio file transfer between PC and module
- **Six Minutes of CD Quality Digital Storage** — 50 to 20k Hz frequency response
- **Versatile CD-ROM Tone Library** included
- **Accepts Four Audio Files** — 44.1 kHz, 16 bit PCM WAV format
- **External Activation** for single or continuous playback
- **Automatic Priority** overrides current message
- **Stop Function** immediately cancels playback
- **Selectable Playback Interval** for each message
- **Auto-Mute Function** for priority over background music
- **Adjustable Level Control**
- **USB Cable Included**
- **Five Year Warranty**



**U-14R Dual Input Priority Module w/AGC**

- **Dual Input Module** for applications with business music plus an on-premises CD jukebox or other source
- **Two Line Inputs** — Jukebox and BGM
- **Auto-Mute Function** with adjustable Mute threshold (Jukebox overrides BGM)
- **Automatic Gain Control (AGC)** on Jukebox input for consistent signal levels
- **Individual Input Level Controls**
- **Stereo-Summing Dual RCA Jacks**
- **Five Year Warranty**



**V-01S Remote Master Volume Control (VCA) Module**

- **Voltage Controlled Amplifier (VCA)** for applications requiring preset remote master volume control
- **Line Input and Output** connect to host amplifier's pre-amp output and power amp input
- **24 VDC Output and Control Input** interfaces directly to RDL RLC3 Remote Level Control
- **RCA and Phoenix-style Connectors**
- **Five Year Warranty**



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# 900 SERIES MODULES

## SPECIFICATIONS

### S-20S Digital Message/Tone Module w/USB

<b>File Format</b>	44.1 kHz sampling frequency, 16-bit PCM WAV (monaural)
<b>Frequency Response</b>	50 - 20,000 Hz +/- 3 dB (1 kHz)
<b>Distortion</b>	Under 1% (1 kHz)
<b>Recording System</b>	USB data transfer
<b>Control Inputs</b>	Playback 1-4, Stop: No voltage make contact input, pulse make length: 200 ms, open circuit voltage: 24 VDC, short circuit current: 2mA, removable terminal block (6 pins)
<b>Maximum Number of Messages</b>	4
<b>Total Storage Capacity</b>	6 minutes (360 seconds)
<b>Playback Interval Time</b>	Continuous, 0/5/10/30 seconds, 1/5/10/30 minutes, 1 hour (selectable for each message)

### U-14R Dual Input Priority Module w/AGC

<b>Input</b>	47k $\Omega$ (unbalanced)
<b>Maximum Output</b>	+14 dBV (5 Vrms)
<b>Frequency Response</b>	20 - 20,000 Hz +/- 1 dB
<b>Distortion</b>	BGM: 0.03% (1 kHz, 1 Vrms) JUKE: 0.05% (1 kHz, 1 Vrms)
<b>Output Level Variable Range</b>	BGM: -24 to -4 dBV (-10 dBV input to L and R) JUKE: -24 to -4 dBV (-10 dBV input to L and R)
<b>JUKE Gate Threshold Level Variable Range</b>	-60 to -30 dB (input to L and R)

### V-01S Remote Master Volume Control (VCA) Module

<b>Input</b>	10k $\Omega$ (unbalanced)
<b>Maximum Allowable Input</b>	+14 dBV (5 Vrms)
<b>Frequency Response</b>	20 - 20,000 Hz +/- 1 dB
<b>Distortion</b>	0.03% (1 kHz, 1 Vrms)

### APPLICATIONS

Airports  
 Audio/Visual  
 Auditoriums / Theatres  
 Banks  
 Bars / Lounges / Nightclubs  
 Boardrooms  
 Business Music  
 Conference Facilities  
 Convenience Stores  
 Educational Facilities  
 Fitness Clubs / Gymnasiums  
 Hotels / Hospitality  
 Houses of Worship  
 Industrial / Warehouses  
 Museums  
 Music Distribution  
 Offices  
 Public Address  
 Restaurants  
 Retail Stores  
 Theme Parks  
 Training Rooms

Visit [www.toaelectronics.com](http://www.toaelectronics.com) to download:

Specification Sheets  
 Architect and Engineering Specifications  
 Installation Manuals  
 Software  
 CAD Files  
 High-resolution Images  
 Module Guide  
 Amplifier Guide

Literature Order #: L-MODULES-SUV  
 Specifications subject to change without notice.  
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