

RAM

McCurdy



ON AIR CONSOLES

NOW AVAILABLE FROM RAM...

the *most* module console system ever designed. You choose only the modules and mainframe that meet your immediate needs. As your needs change - it's easy to change your console configuration too.

The **McCurdy Series "S"** and **RAM Series "SX"** consoles are both analog mixing desks with digital electronic specifications. Their all steel construction provides a tough environment for future generations of operators. Both consoles feature sleek, modern styling. They are ergonomically designed for ease of operation.

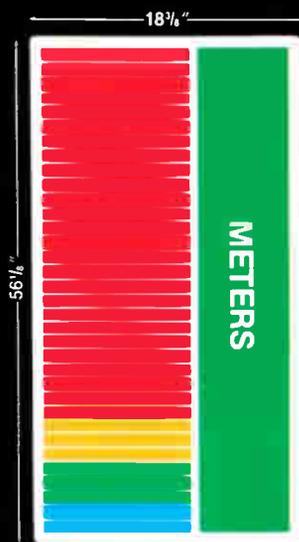
The "S" mainframe and modules provide the simplest operation of any modular console. The "SX" mainframe and modules offer you Xtra features, options and flexibility. All 11 inch modules fit either mainframes.

FEATURES:

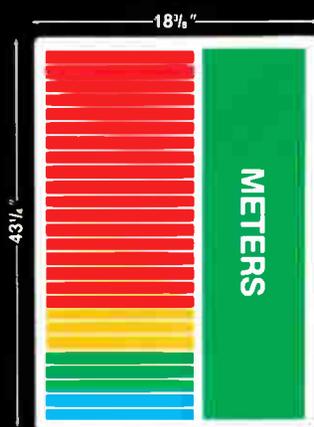
- **THREE MAINFRAME SIZES** - up to 26 input channels
- **STEREO** Program and Audition busses
- **Cue and Utility bus** (Utility bus may be used for Mix Minus - Series "S" console is mono / Series "SX" console is either DUAL mono or STEREO)

- Active High-performance balanced Line INPUT and OUTPUT amplifiers
- Active High-performance balanced Microphone inputs
- Optional - redundant power supplies
- **MOTHER-BOARDLESS** design allows for maximum flexibility
- Low maintenance solid state audio switching
- Full function digital logic control and interface
- Modules fit in any location - in section of the same size
- Comprehensive remote control and tally facilities
- VCA controlled monitor facilities
- Molex "Mini-Fit" junior connectors
- Optional - engraved channel on Switches
- Full travel Penny & Giles conductive plastic faders
- Optional - built-in intercom for up to 6 locations
- Standard Oak trim and meter housing
- Optional - **RAM** Electronic Cabinetry trim and meter housing to match your DECOR
- Optional - Complete **RAM** Studio Turret module system

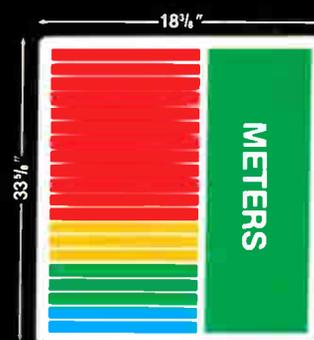
"S" SERIES



26 Input Version
34 Modules



18 Input Version
26 Modules



12 Input Version
20 Modules

■ Input Modules

■ ■ ■ Support Modules

CONSOLE ACCESSORIES



AT-8
8 POSITION STUDIO TURRET
(Sunken or Table Top)



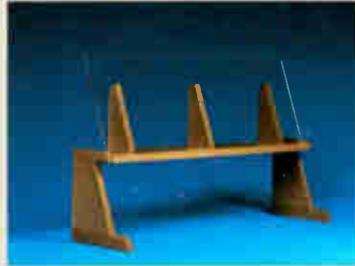
AT-16
16 POSITION STUDIO TURRET
(Sunken or Table Top)



HCP-515
HEADSET CONTROL PANEL



MR-012
12" OAK MICROPHONE BOOM RISER



SB-12
CONSOLE SCRIPTBOARD

Think of **RAM** for:

- Complete Systems Engineering and Planning
- Cabinetry for Control Rooms and Studios
- Prewired or Turnkey Installation
- Cabling to go with your Console

STUDIO TURRET MODULES



RTM-1
MIC ON/OFF-
DC SWITCH



RTM-2
COUGH -
DC SWITCH



RTM-3
6 INPUT
SELECT
SWITCH



RTM-4
HEADPHONE
CONTROL
AMPLIFIER



RTM-5
MONITOR
SPEAKER
CONTROL



RTM-7
CLOCK



RTM-8
TIMER



RTM-9
BLANK PANEL -
5 1/4"

RAM BROADCAST SYSTEMS INC.

QUALITY ENGINEERED • RUGGED CONSTRUCTION
"IT'S A RAM PRODUCT"

346 West Colfax Street
Palatine, Illinois 60067

Phone 312-358-3330
FAX 312-358-3577



MMI-1
MONO
MICROPHONE
INPUT MODULE

- Input Sensitivity Adjust
- Electronically Latched "Phone" Assign Button
- Electronically Latched "Audition" Assign Button
- LED "ON AIR" Indicator
- Penny & Giles Conductive Plastic Fader
- Channel "ON/OFF" Push Buttons
- Processing Insert Points Standard



SLI-1
STEREO LINE
INPUT MODULE

- Input Sensitivity Adjust
- Electronically Latched "Phone", "Audition" & "Cue" Assign Buttons
- LED "ON AIR" Indicator
- Penny & Giles Conductive Plastic Fader
- Channel "ON/OFF" Machine Start Push Buttons
- Processing Insert Points Standard



CMO-1
CONTROL
MASTER OUTPUT
MODULE

- Output Level Adjust
- Processing Insert Points Standard



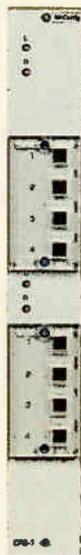
CRM-1
CONTROL ROOM
MONITOR
MODULE

- "CUE" Level Control
- Monitor Input Source Select
- Electronically Interlocked
- Headphone Level Control
- Monitor Level Control (VCA)



CTB-1
CONSOLE
TALKBACK
MODULE

- Receive Level Adjust
- Send Level Adjust
- Talkback to Station 1
- Talkback to Station 2



CRS-1
CONSOLE
REMOTE
SELECTOR

- Output Level Adjust
- External Remote Stereo Input Bank Select (2 banks of 4 inputs)
- Banks can be strapped together to form an 8 input Bank Select



RIS-6X2
INPUT
SELECTOR

- Remote Stereo Input Switcher (2 x 6 Stereo)



RIS-10
INPUT
SELECTOR

- External Remote Stereo Input Switcher (1 Bank of 10 Inputs)



RIS-2
INPUT
SELECTOR

- Channel A/B Input Selector for Series "SX" with Machine Control Follow



RTM-3
INPUT
SELECTOR

- Channel Input Expander for Series "SX" Stereo 6 into 1



RTM-4
HEADPHONE
AMPLIFIER

- Headphone Amplifier for Series "SX" Internal Relays Provide for Split Program/ Intercom (IFB)

MMI-1
MONO MICROPHONE
INPUT MODULE

Excellent input sensitivity, adjustable from -70 to -40 dBu with very high S/N ratio. Electronically switched Audition and Phone bus assignment, large Channel ON-AIR LED indicator and full travel Penny & Giles conductive plastic fader.

SLI-1
STEREO LINE INPUT MODULE

Recessed individual input sensitivity controls, front panel and remotely controlled Cue bus enable, machine START/STOP activation with tally via the channel ON/OFF pushbuttons are a few of the many features of this versatile module.

CMO-1
CONTROL MASTER
OUTPUT MODULE

Output levels are adjustable from -10 dB to +8 dB through recessed front panel trim pots. Additionally on board VU and PPM meter driver outputs are provided to allow easy interfacing to customer provided meter panels.

CRM-1
CONTROL ROOM
MONITOR MODULE

A six position electronically interlocked Monitor input source selector allows monitoring of Program, Audition, Phone and four external inputs. Monitor level control using VCA circuitry provides noise free operation. Cue and Headphone level controls are also provided.

CTB-1
CONSOLE TALKBACK MODULE

Provides communications between two designated stations. Receive levels are individually adjustable. Incoming audio through the monitor is automatically patched to the left channel while the right is partially muted.

CRS-1
CONSOLE REMOTE
SELECTOR MODULE

Independent switch banks can each select one of four stereo sources. The two switch banks can be strapped together to form an eight input bank. Audio stereo output level adjustments are made through precision, recessed trim pots.

RIS-6X2
REMOTE INPUT
SELECTOR MODULE

Two independent PASSIVE switch banks. Each can select from one of six stereo sources. Each bank can be connected to an individual input channel.

RIS-10
REMOTE INPUT
SELECTOR MODULE

This PASSIVE switch bank is designed to provide selection from one of ten stereo inputs. Expand your console input capability with this module.

RIS-2
SOURCE INPUT SELECTOR

This Series - SX module provides an additional two (A/B) sources to an input channel. Machine control follows the selected source.

RTM-3
SOURCE INPUT SELECTOR

The RTM-3 provides up to six sources to feed one input. This module can be used with the Series - SX console or in the studio turret system.

RTM-4
HEADPHONE
CONTROL/AMPLIFIER

Use this module in the Series - SX console or in the studio turret system to provide amplification for headset monitoring. Internal relays allow the RTM-4 to provide split ear monitoring of program and talkback (or cue).

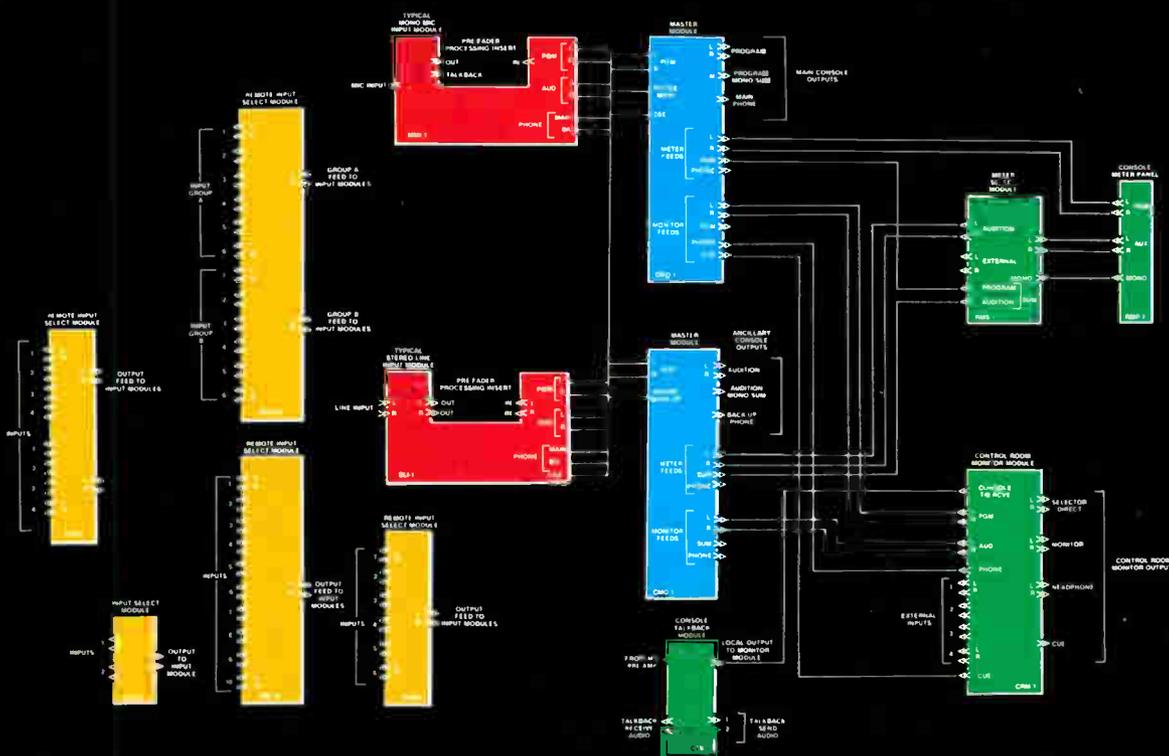
RMS-1 (Not Shown)
RPM METER SELECT SWITCH

Mono Sum Meter input switch selects either program or audition. Second switch selects the input to the auxiliary meters - either audition or utility tally lights indicate the status of the power supplies.

CPS-3/4 (Not Shown)
CONSOLE POWER
SUPPLY MODULES

Externally mounted power supplies. The CPS-3 is required to power the console mainframe (1 required for the 20 module frame and 2 for the 26 and 34 input module frames). The optional CPS-4 can be used for auxiliary functions.

AUDIO FLOW CHART



PERFORMANCE SPECIFICATIONS:

MICROPHONE INPUT:

Source Impedance	150 ohms
Input Impedance	20K ohms minimum, active balanced
Input Level Range	Adjustable from -70 dBu to -40 dBu
Input Headroom	38 dB

HIGH LEVEL INPUTS:

Source Impedance	600 ohms
Input Impedance	10K ohms minimum, active balanced
Input Level Range	
Line Input	Adjustable from -20 dBu to +8 dBu
Patch Input	Nominal -10 dBu
Input Headroom	38 dB

MAIN OUTPUTS

Load Impedance	600 ohms, minimum
Source Impedance	60 ohms
Nominal Output Level	+8 dBu, adjustable -10 dBu to +8 dBu
Maximum Output Level	
Line Amplifiers	+28 dBu, 600 ohm load, minimum

MONITOR OUTPUTS:

MAIN OUTPUTS	MONITOR, HEADPHONE, DIRECT & CUE
Load Impedance	600 ohms or greater
Source Impedance	60 ohms, active balanced
Output Level	0 dBu nominal

FREQUENCY RESPONSE:

Microphone Input to Program Output	±0.5 dB, 20 Hz to 20 kHz
Line Input to Program Output	±0.5 dB, 20 Hz to 20 kHz

NOISE

Microphone Input	Ratio > -125 dB, unless signal to noise ratio exceeds 90 dB (30 kHz band limited)
Line Input Amplifier	>90 dB, (30 kHz band limited)

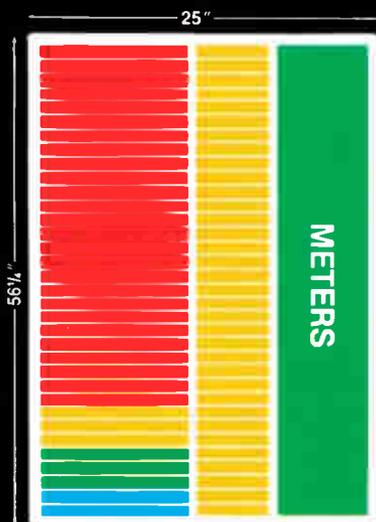
DISTORTION, T.H.D.

Microphone input to program output	Less than 0.1%, 20 Hz to 20 kHz, -50 dBu input, +8 dBu output into 600 ohm load, 30 kHz meter bandwidth;
Line input to program output	Less than 0.01%, 20 Hz to 20 kHz, +18 dBu input, +8 dBm output into 600 ohm load, 30 kHz meter bandwidth;

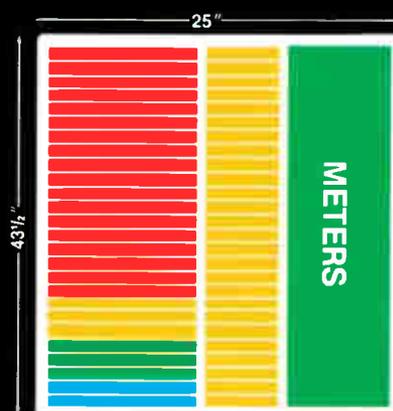
CROSSTALK

Interchannel crosstalk	>65 dB, 20 Hz to 20 kHz
Adjacent Modules or buses	-80 dB typically

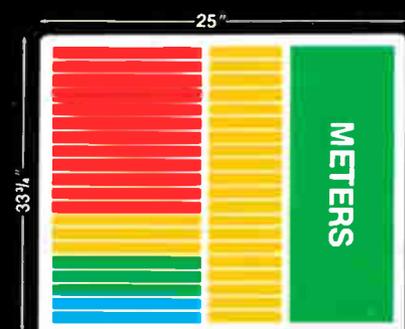
"SX" SERIES



26 Input Version
34 Modules



18 Input Version
26 Modules



12 Input Version
20 Modules

■ Input Modules

■ ■ Support Modules

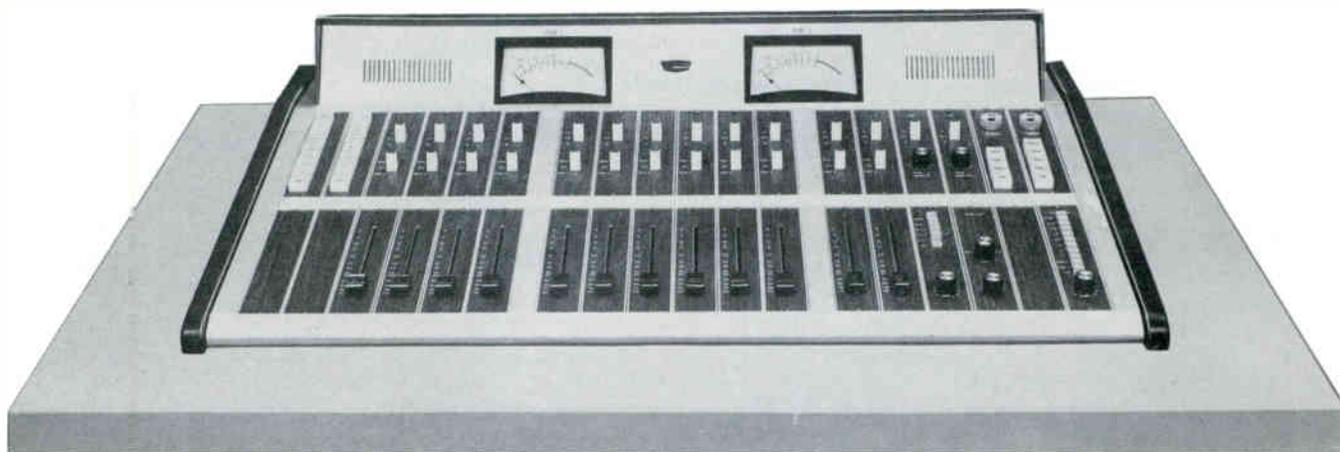
NOTES:

1) These specifications are for the basic signal paths, per channel, with either or both channels of a stereo pair operating and with 600 ohm loads connected to the program outputs.

SS7400

12-MIXER 2-CHANNEL

MONAURAL AUDIO CONSOLE



- 12 mixer channels equipped with slide attenuators.
- Two inputs per mixer channel selectable by 3-way input keys (center position OFF).
- Balanced mixer buses.
- Two program channels, each with VU meter, line key, auxiliary and head-set outputs.
- 18 solid-state amplifiers and regulated power supply mounted inside console.
- Complete 2-watt cue system with amplifiers and speaker. Cue position on all mixer attenuators, plus push-button selector for extra inputs.
- Monitor control and feed for external monitor amplifier (e.g., LSA608 or LSA609).

- Foldback channel with pushbutton selector and amplifier.
- Control panel made up of removable segments that conform to standard dimensions to facilitate placement of controls and optional equipment.
- Options include compressors, equalizers with or without insertion switches, etc.
- All panels are overlaid with simulated wood-grain vinyl-clad metal to resist wear and damage.
- Desk-top dimensions only 6-3/4 in. high, 22 in. deep, 33 in. wide.



MCCURDY RADIO INDUSTRIES LIMITED
108 CARNFORTH ROAD ☐ TORONTO 16 ☐ CANADA

(416) 751-6262
TELEX 02-21660

MCCURDY RADIO INDUSTRIES INCORPORATED
1051 CLINTON STREET ☐ BUFFALO ☐ N.Y. 14206

(716) 854-6700

DESCRIPTION

The SS7400 is a 12-mixer dual-channel audio console providing professional facilities for audio program production. The SS7400 is one of the McCurdy series of low-silhouette desk-mounting consoles, designed specifically for control centers requiring a compact console with extensive facilities while meeting full broadcast specifications.

Through advanced electronic and mechanical design, the SS7400 lends itself to customizing.

A choice of three input amplifiers makes it possible to accommodate any mixer input level from -60 dBm to 0 dBm (or higher with appropriate pad).

The control panel is divided into removable segments that are compatible with the dimensions of standard faders, equalizers, compressors, etc. This simplifies

the positioning of controls and the addition of new components without major metal refabrication.

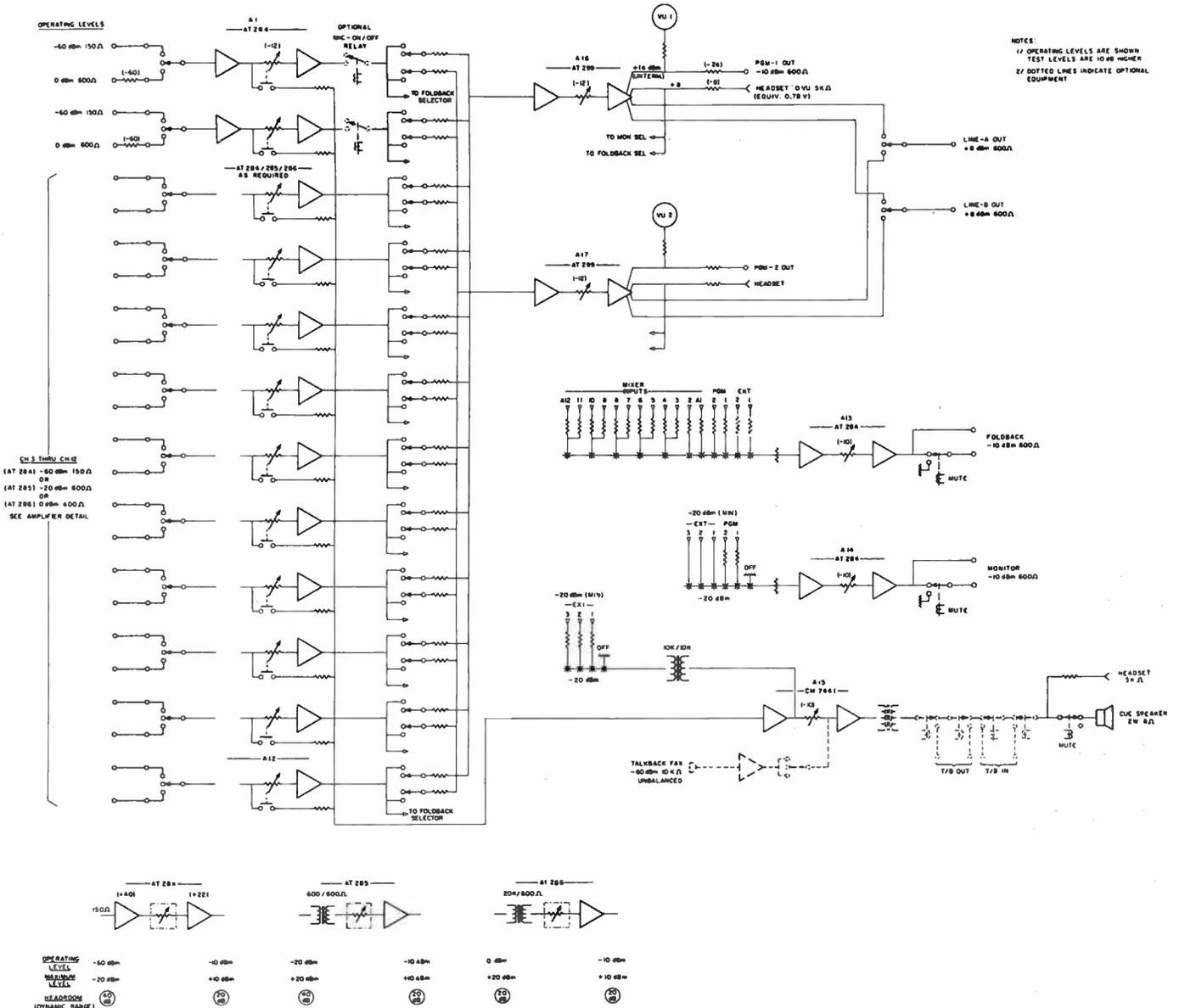
All panels are covered with a wood-grain vinyl overlay which presents an attractive, glare-free appearance, and is highly resistant to damage. The control panel is set between a pair of genuine walnut end bells.

FACILITIES

All facilities of the SS7400 are shown in the Block Diagram.

Mixer-to-Program Circuits

Each of the twelve mixers (A1 to A12) accommodates two inputs selectable by a three-position lever key. Mixers



Block Diagram of SS7400

1 and 2 are normally wired for one low-level input (-60 dBm, 150 ohms) and one high-level input (0 dBm, 600 ohms); an optional microphone relay may be provided in each of these channels. By choice of amplifiers, nominal input levels of -60 dBm, -20 dBm, and 0 dBm may be accommodated in any mixer channel.

The mixing level in each channel is adjusted by means of a slide attenuator which incorporates a cue switch.

Each mixer is selectable by a three-position key to one of the two balanced mixer buses which feed the program amplifiers (A16, A17). Two +8 dBm 600-ohm outputs and one -10 dBm output are provided by each channel. The +8 dBm outputs can be selected to lines A and B by means of lever keys. Level adjustment is provided by the master gain controls located on the control panel.

Monitoring

Continuous visual monitoring of the program channels is provided by full-size A-scale illuminated VU meters. Local aural monitoring is available at headset jacks (0 dBm 5K) located on the front of the console. Monitor select pushbuttons permit selection of a program channel or one of three external feeds to the monitor channel (A14). This channel provides two -10 dBm 600-ohm

output splits for feeding external monitor amplifiers. A muting relay for one output, and a common gain control for both outputs, are supplied as standard equipment. An optional 10-watt speaker-amplifier system is available to accommodate these outputs (model LSA608 or LSA609).

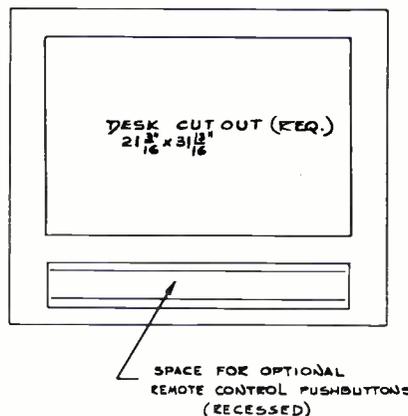
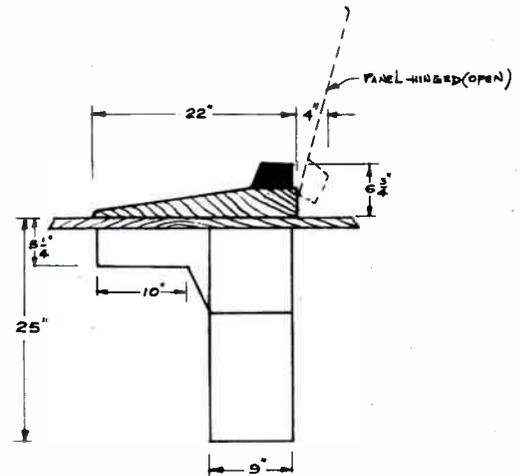
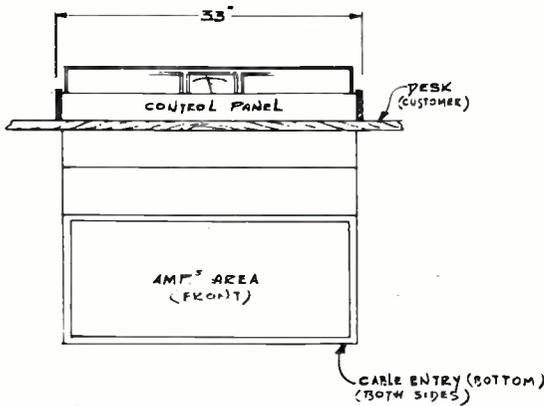
Cue System

Each mixer attenuator, in the 'infinity' position, provides a mixer cue to the cue bus which is directly connected to amplifier A15. The cue pushbuttons can select any one of three external inputs to A15.

A15 provides up to 2 watts to the built-in speaker, plus a headset output. A front panel gain control permits level adjustment. A muting relay is provided for the speaker.

Foldback

The foldback pushbuttons permit selection of any of the twelve mixers, two program channels, or two external inputs to the foldback amplifier (A13). This channel provides two output splits at -10 dBm, 600 ohms. A front panel gain control provides level adjustment, and a muting relay is included for one output.



Dimensional Outline Diagram

SPECIFICATIONS

INPUTS

- (1) 24 mixer inputs selectable to 12 channels; -60 dBm 150 ohms, -20 dBm 600 ohms, or 0 dBm 600 ohms (see Ordering Information).
- (2) Two external inputs to foldback channel; -20 dBm, 600 ohms.
- (3) Three external inputs to monitor channel; -20 dBm, 600 ohms.
- (4) Three external inputs to cue channel; -20 dBm, 600 ohms.
- (5) Optional talkback mic input; -60 dBm, 10k ohms.
- (6) Two optional talkback inputs; 2 watts, 8 ohms.

OUTPUTS

- (1) Four switchable program outputs; +8 dBm, 600 ohms.
- (2) Two fixed program outputs; -10 dBm, 600 ohms.
- (3) Two program headset outputs; 0.78v, 5,000 ohms.
- (4) One cue headset output; 0.78v, 5,000 ohms.
- (5) Built-in cue speaker; 2 watts, 8 ohms.
- (6) Two program monitor outputs; -10 dBm, 600 ohms.
- (7) Two foldback outputs; -10 dBm, 600 ohms.
- (8) Two optional talkback outputs; 2 watts, 8 ohms.

MAXIMUM GAIN (± 1 dB)

- (1) Low-level input (-60 dBm) to program output: 92 dB.
- (2) Medium-level input (-20 dBm) to program output; 52 dB.
- (3) High-level input (0 dBm) to program output; 32 dB.

FREQUENCY RESPONSE (ref 1 kHz)

For any input to program, monitor, or foldback output at normal attenuator settings; ± 1 dB from 30 Hz to 15 kHz.

NOISE

Relative Input Noise: -124 dBm, unweighted, measured over 10 Hz to 100 kHz bandwidth at -3 dB points.

HARMONIC DISTORTION (at normal attenuator settings)

- (1) For any input to program output: less than 0.5% from 30 Hz to 15 kHz at +18 dBm output.
- (2) For any input to monitor or foldback output: less than 1% from 30 Hz to 15 kHz at 0 dBm output.

CROSSTALK

At least 60 dB below +18 dBm output level when feeding one channel and measuring on unused channel, 30 Hz to 15 kHz, at normal attenuator settings (12 dB in hand).

TRANSIENTS

The operation of any relay in the console will not degrade the noise figure by more than 10 dB.

POWER REQUIREMENTS

115v ac, 50/60 Hz, single phase, 35 va approximately (can be supplied for 230v on special order).

AMBIENT TEMPERATURE

0° to 55°C (32°F to 131°F).

OVERALL DIMENSIONS

See Dimensional Outline Diagram.

ORDERING INFORMATION

ORDER

SS7400 12-Mixer Dual-Channel Monaural Audio Console and specify the input amplifier for each of the 12 mixers:

AT284 Preamplifier; -60 dBm nom, -20 dBm max, 150 ohms.

AT285 Amplifier; -20 dBm nom, +20 dBm max, 600 ohms.

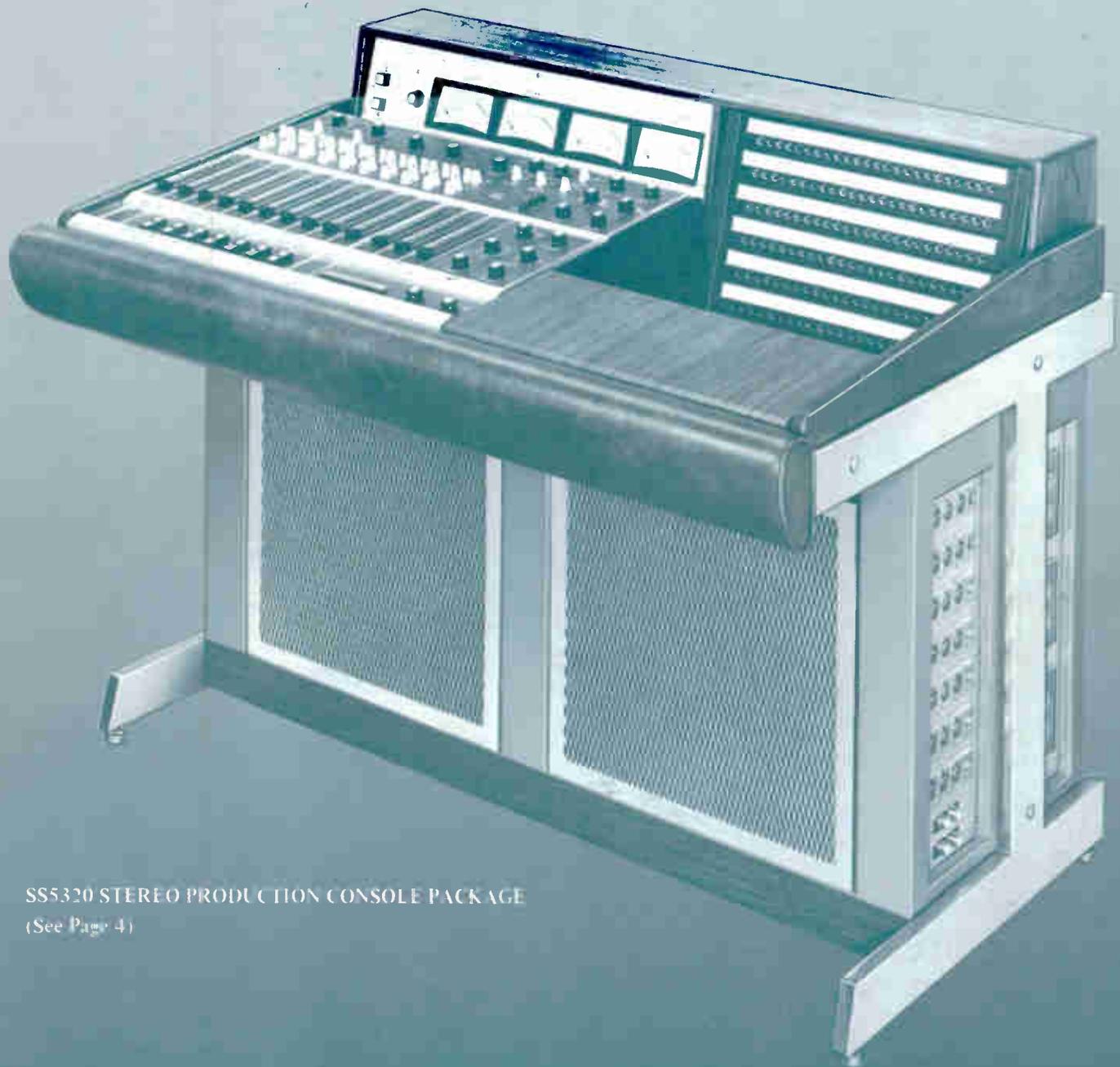
AT286 Amplifier; 0 dBm nom, +20 dBm max, 600 ohm.

OPTIONAL EQUIPMENT

- (1) Microphone on-off relays for mixers 1 and 2.
- (2) LSA608 or LSA609 10-watt Speaker-Amplifiers to accommodate monitor outputs.
- (3) Mounting desk or table.
- (4) Remote control pushbuttons for tapes and turntables (see Dimensional Outline Diagram).
- (5) Talkback facility (see Block Diagram).

The price listed for the standard console does not include optional equipment nor the installation of optional equipment.

am-fm-tv broadcast audio equipment



SS5320 STEREO PRODUCTION CONSOLE PACKAGE
(See Page 4)



McCURDY RADIO INDUSTRIES

108 Carnforth Road • Toronto 16 • Ontario • (416) 751-6262

1051 Clinton Street • Buffalo • N.Y. 14206 • (716) 854-6700

a complete broadcast audio line



From Portable Equipment to complete TV Production or Recording Consoles, Intercom Systems, and Switchers, McCurdy Radio Industries offers quality audio equipment for every broadcast and educational requirement.

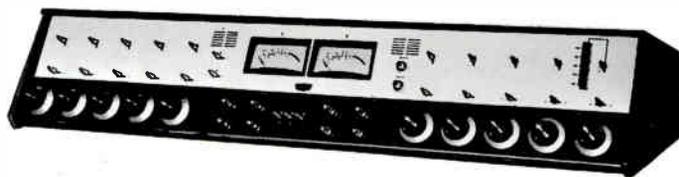
DESK-MOUNTING AUDIO CONSOLES

Our line of desk-mounting consoles presently encompasses 6 different units offering the choice of monaural or stereo with rotary or slide (in-line) attenuators. All are self-contained with plug-in amplifiers and power supplies within the consoles.

The models from SS4386 upward are finished with wood-grain vinyl overlay to resist damage, and are fitted with walnut end bells. These are designed with the compact installation in mind, such as DJ areas, News Booths, or Institutional facilities.

SS4360 10-MIXER 2-CHANNEL MONAURAL AUDIO CONSOLE

Accommodates 34 inputs selectable to 10 mixers. 5-pushbutton line selector on mixer 10. Instant-select cue-talkback system with microphone, 10-watt amplifier, and speaker. 10-watt Control Room monitor with provision for 10-watt Studio monitor.



SS4370 8-MIXER 2-CHANNEL STEREO AUDIO CONSOLE

28 stereo inputs selectable to 8 mixers. 5-pushbutton remote line selector on mixer 8. Optional monaural output channel. Instant-select cue-talkback system and 10-watt Control Room monitoring.



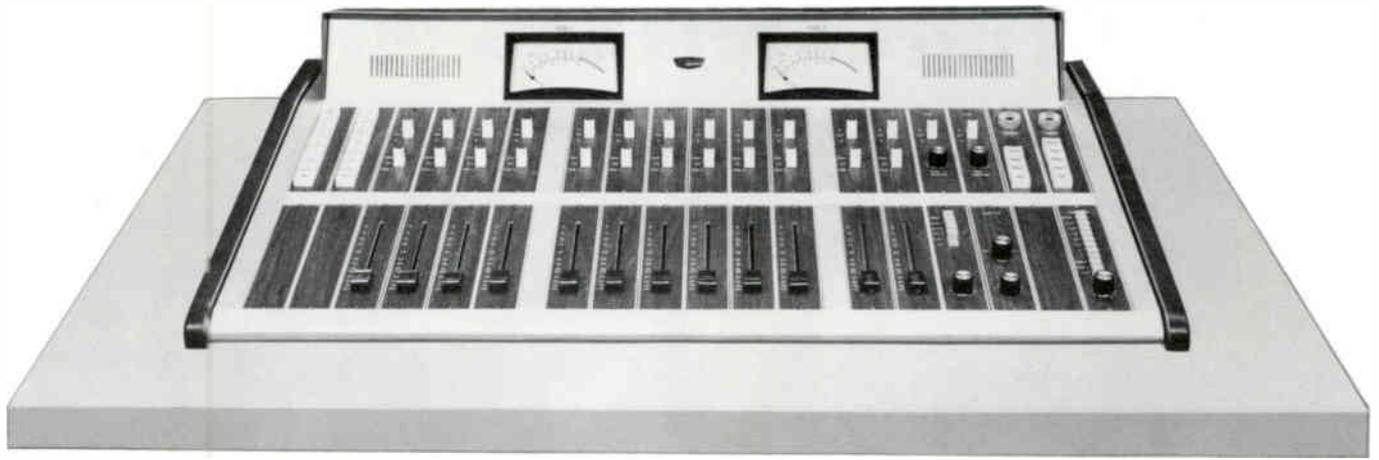
SS4386 6-MIXER 1-CHANNEL AUDIO CONSOLE

With slide attenuators. Each mixer accepts one -60 dBm and one 0 dBm input, selectable by a lever key. Complete cue system with pushbutton selector. Monitor and PA output, with level control, for feeding external power amplifier.



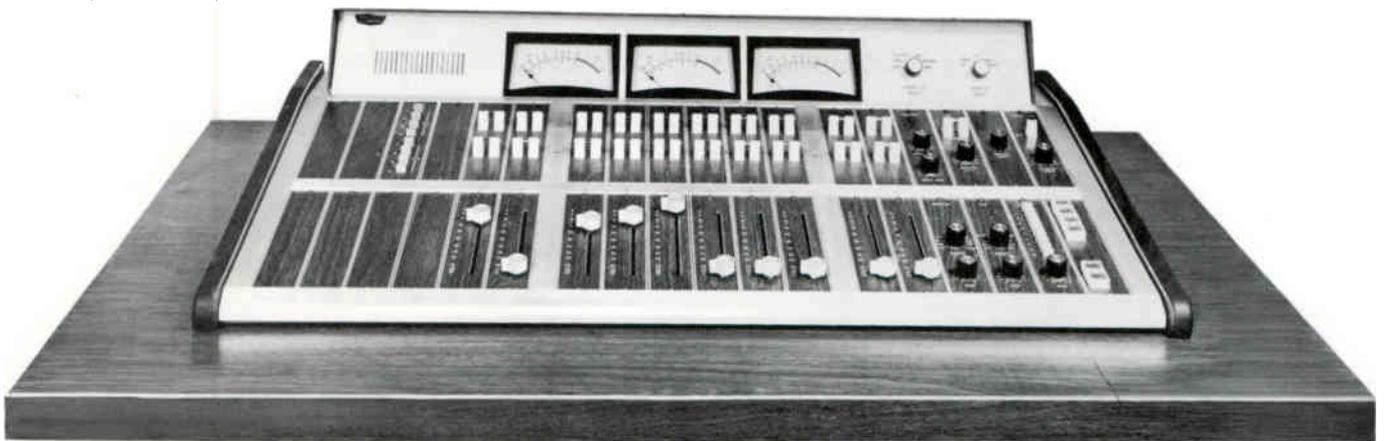
SS4388 8-MIXER 1-CHANNEL AUDIO CONSOLE

Rotary attenuators with cue position. Facilities are similar to the SS4386. Extras include four unwired utility keys with space for four more, plus optional pushbuttons for control of turntables, tapes, etc.



SS7400 12-MIXER 2-CHANNEL AUDIO CONSOLE

Two inputs per mixer, selectable by lever keys. Choice of low, medium, or high level inputs. Complete cue system. Monitor and foldback feeds for external amplifiers. Optional mic on-off relays in two mixers. May be customized to include equalizers, compressors, etc.



SS7500 8-MIXER STEREO AUDIO CONSOLE

Each mixer accommodates two inputs selectable by lever key. Mixers are segregated for levels of -60 dBm, -20 dBm, and 0 dBm. Prewired for optional monaural program channel with vu meter. Stereo record or audition bus is standard. Remote line input selector, complete cue system, and stereo monitor feed included. Options include two extra mixers, talkback facility, equalizers, compressors etc.

Write or phone for more detailed information on any product that may interest you.

PRODUCTION CENTERS

FOR RADIO, TV, OR RECORDING

SS5200 AUDIO PRODUCTION CONSOLE

Provides complete audio production facilities for Radio or TV Studios. Up to 14 mixers with 3-position input selectors (center pos'n OFF), 4 subs, 4 program channels. Echo send, prelisten, post-fade, and monitor feeds. Space for equalizers, compressors, and input sensitivity selectors. Can be customized to fill most production requirements, including the addition of relay switchers for inputs, mixers, and subs.



(COVER FEATURE)

SS5320 STEREO PRODUCTION CONSOLE

This console features 10 stereo mixer channels with selectable stereo and mono inputs. Two stereo program channels each provide one direct output and two switchable outputs for Line A or B. Also included is mono program channel with combining network. Optional input sensitivity selectors. Space for limited number of equalizers and compressors. Note connector panel for rapid and convenient connections. Stereo monitor control and feed. Shielded jackfield assembly provides extensive patching facilities.



SS4360/1/2/3 RADIO PRODUCTION PACKAGE

A completely prewired and tested radio station control room for announcer operation or booth work. Stereo or monaural versions available. Completely modular in design: can be expanded from a simple 1-TT/1-Tape setup to a system such as shown here. All machine controls readily accessible.

PACKAGES and ACCESSORIES

SS3158 STEREO DISC REPRODUCER

Provides complete facilities for professional reproduction of stereo disc recordings. McCurdy CH14 two-speed belt-drive turntable offers extremely low rumble and flutter specifications to meet or exceed all broadcast requirements. Completely self-contained with equalized preamplifiers, audio cue switching, and power supply. Features audio delay circuit that eliminates speed-up 'wow', plus selection of standard RIAA equalization or roll-off. Optional SA552 Cue Kit provides 3 watts to its built-in speaker.



SS3157 MONAURAL DISC REPRODUCER

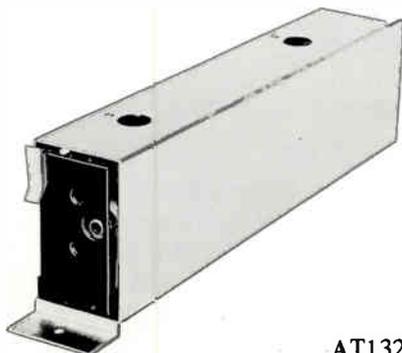
For professional reproduction of mono or stereo recordings. Features CH12A three-speed capstan-drive turntable, equalized preamplifier, audio cue switching, delay circuit, RIAA/Roll-off circuit, and power supply. Optional SA552 3-Watt Cue Kit.

DISC REPRODUCER PACKAGES

For creating your own customized disc reproducer, McCurdy can supply the necessary components. These include professional turntables (model CH12A for mono and CH14 belt-drive for stereo), and equalized preamplifiers (AT132 for -20 dBm 600-ohm outputs; AT133 up to +18 dBm 600-ohm outputs). Both the AT132 and AT133 accommodate a nominal 5 mv, 47,000-ohm, inductive source; plug-on power regulators are available for 36v dc or 48v dc power supply outputs.

We also offer four pretested preamplifier-power supply packages to suit monaural or stereo requirements.

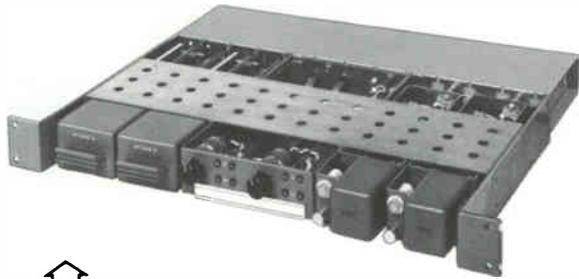
- Phono 1 - One AT132 Equalized Preamplifier and Power Supply; output level, -20 dBm 600 ohms.
- Phono 2 - Two AT132 Equalized Preamplifiers and Power Supply; output level, -20 dBm 600 ohms.
- Phono 3 - One AT133 Equalized Preamplifier and Power Supply; output level, +18 dBm 600 ohms.
- Phono 4 - Two AT133 Equalized Preamplifiers and Power Supply; output level, +18 dBm 600 ohms.



AT132

AT264A MINI-CUE AMPLIFIER

A compact, self-contained assembly specifically designed for low-power cueing applications. Especially suitable in providing speaker cue facilities for audio tape recorder/reproducer consoles.



DA501 AUDIO DISTRIBUTION SYSTEM

Utilizes two AT242A Universal Audio Amplifiers, each with separate gain control and PS879 Power Supply. Each AT242A provides 8 output splits at +8 dBm.



DA503 AUDIO DISTRIBUTION SYSTEM

Consists of six AT249 Distribution Amplifiers and one PS848A or PS849 Power Supply in a single frame. Each amplifier provides six +8 dBm output splits.



LSA608 and LSA609 SPEAKER/AMPLIFIER ASSEMBLIES

Two 10-watt speaker/amplifier assemblies ideal for monitoring applications. LSA608 is made for desk-top mounting; LSA609 has 15° reverse slope and is designed for wall-mounting.

COMPONENTS

EQ154 VARIABLE EQUALIZER has variable LF and HF cut-offs with a slope of 18 dB per octave.



EQ155 VARIABLE EQUALIZER

This equalizer has variable LF and HF cut and boost, with a unique variable presence function in which the level and "Q" are variable and the frequency is continuously variable from 700 Hz to 5 kHz.

CP156 COMPRESSOR incorporates a fully automatic threshold control circuit, and a sliding compression curve terminating in the limiting mode.



AT242A UNIVERSAL AUDIO AMPLIFIER

1-watt output capability plus high gain and extremely low input noise permit the AT242A to be used for low-level microphone mixing, intermediate booster, or program output amplifier applications. Ideal for use as a distribution amplifier, such as applied in the McCurdy DA501 and DA502. Gain strappable incrementally between 50 and 70 dB (transducer).

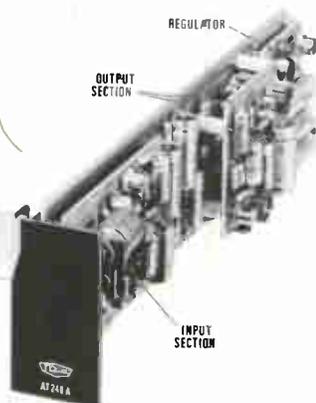
AM408A SOLID-STATE 10W MONITOR AMPLIFIER

Self-contained, silicon solid-state unit delivers 10 watts continuous sine-wave power over full audio spectrum with less than 0.5% harmonic or intermodulation distortion. Protected against overdrive or short-circuit failure. Remote gain control is optional.



AT246 SERIES UNIVERSAL AMPLIFIERS

This series of amplifiers encompasses a range of applications from microphone and phono preamps to program output, distribution amplifiers, and oscillators. The various configurations are realized from two basic output circuit boards which accept a variety of plug-on input cards and two types of power regulators (for 36 volts and 48 volts) plus a dummy regulator. Some in the series supply six 600-ohm output splits, have provision for an interstage gain control, and may be strapped for various preset gains over a continuous 40 dB range. All outputs are balanced. All in the series fit the FR904 Equipment Frame.



AT132 Equalized Phono Preamplifier (-20 dBm out)

AT133 Equalized Phono Preamplifier (+8 dBm out)

AT246A Microphone and Program Amplifier

AT248A Medium and High Level Amplifier

AT249A ML and HL Distribution Amplifier

OT256 400 Hz/1 kHz Tone Oscillator (0 dBm out)

OT257 400 Hz/1 kHz Tone Oscillator

OT258 25 Hz Tone Oscillator

OT259 25 Hz Tone Oscillator (0 dBm out)

AT295 Microphone Preamplifier (-20 dBm out)

AT296 ML Matching Input Amplifier

AT297 HL Bridging Input Amplifier

AT298 ML Amplifier (-20 dBm out)

AT299 Combining Amplifier (6 out at +8 dBm)

} (6 out at +8 dBm)

} (6 out at 0 to +18 dBm)

} (6 out at +8 dBm)

POWER SUPPLIES

McCurdy Radio has a wide variety of power supplies to suit most requirements for Broadcast Audio Equipment.



PS824R - Regulated 24v, 400 mA max; fits FR904 Frame (SM8 and other Switchers).

PS848A - Regulated 48v, 1 amp max; regulated 24v, 250 mA max; fits FR904 Frame (DA's and Switchers).

PS849 - Unregulated 48v, 1 amp max; fits FR904 Frame (DA's).

PS874A and PS874S - Regulated 36v, and 44v, unreg 55v and 24v; total current from 36v, 44v and 55v outputs = 1.6 amps; fits SA10007 Frame (customized consoles, systems etc.).

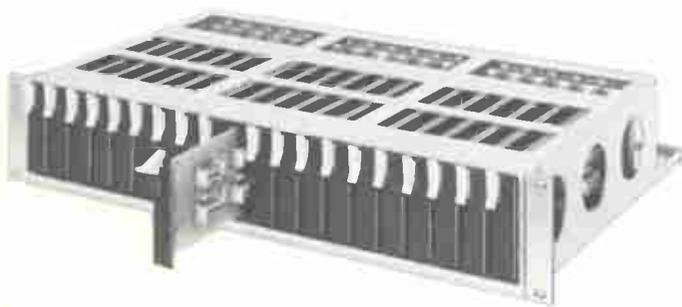
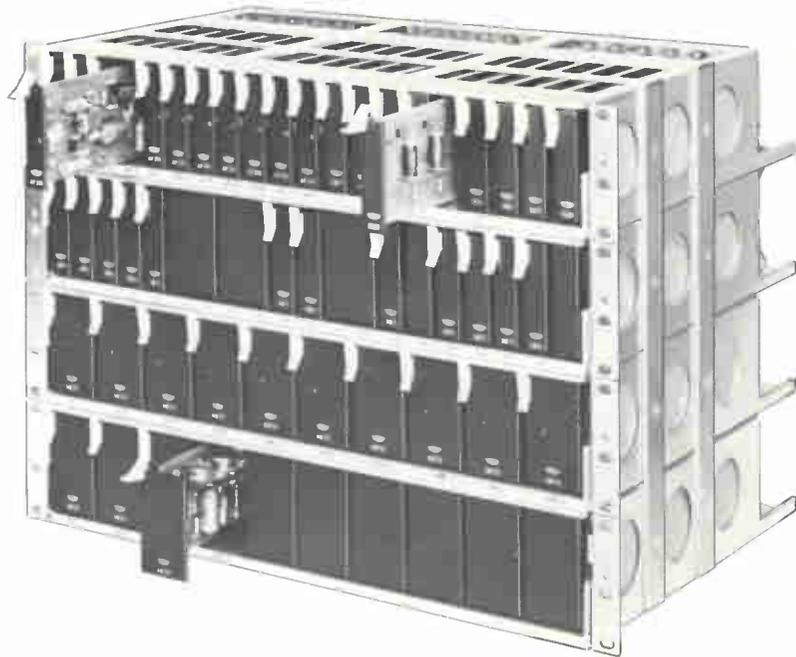
PS876B/36 - Regulated 36v, 1 amp max; regulated 24v, 250 mA max; fits FR903 Frame (Desk-Mounting and Radio-TV Production Consoles).

PS876A/48 - Regulated 48v, 1 amp max; regulated 24v, 250 mA max; fits FR903 Frame (Consoles, etc).

INTERCOMS and SWITCHERS

CS7100, CS7200, CS7300 SERIES INTERCOM SYSTEMS

This line of Intercom systems provides for such requirements as balanced or unbalanced inputs and outputs, compression, and multiple output splits. Standard matrices utilize relays or solid-state switching in the normal off-on configuration, but other configurations are possible, such as partial muting or permanently on. The input amplifier accommodates carbon microphone, dynamic microphone, or line inputs. The output amplifier provides 3 watts into 8 ohms or 600 ohms. (Shown here is an 11 x 14 custom intercom).



SM8 REED RELAY SWITCHER

Each Switching Module holds up to 8 relays to provide an 8 x 1 switcher in which any one or all 8 inputs may be selected to the output. Unique transistorized hold-cancel circuit increases versatility to permit several control configurations. Provision for pads to obtain additional isolation in the switching matrix.

We manufacture several other types of relay and solid-state switchers, all of modular card-type construction. Some of these are designed specifically for systems design or customized consoles. Perhaps we have just the one for your requirements. Check with our Sales Department.



McCURDY RADIO INDUSTRIES

108 Carnforth Road • Toronto 16 • Ontario • (416) 751-6262

1051 Clinton Street • Buffalo • N.Y. 14206 • (716) 854-6700

RAM BROADCAST SYSTEMS INC.

249 North Eric Drive, Palatine, IL 60067

312 • 358 • 3330

REPRESENTING THE McCURDY LINE OF QUALITY AUDIO PRODUCTS



SS8808

SS8808

\$9,655⁰⁰

8 mixer, modular, stereo desk mounting console with two inputs per channel and a choice of modules for either microphone or high level inputs. Each input is assignable to either or both of the two output channels. One auxiliary output, selectable mono-sum outputs, complete cue, monitor and talkback facilities are provided. A complete range of features, including input selectors and assignable equalizers and compressors are available.



SS8816

SS8816

\$18,245⁰⁰

16 mixer, modular, stereo desk mounting console with two inputs per channel and a choice of modules for either microphone or high level inputs. Each input is assignable to either or both of the two output channels. One auxiliary output, selectable mono-sum outputs, complete cue, monitor and talkback facilities are provided. A complete range of features, including input selectors and assignable equalizers and compressors are available.

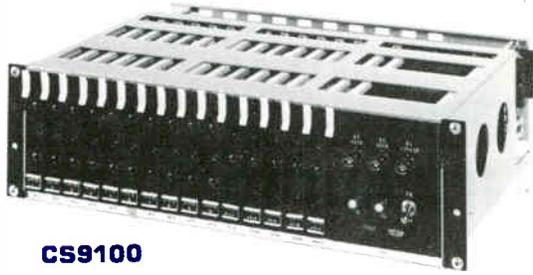


PPM02

PPM02 PEAK PROGRAM METER

\$264⁰⁰

Accurate, sophisticated peak program meter assembly, meeting or exceeding all existing PPM specifications. Truly linear meter scale calibrated in 4dB divisions and capable of operation on all common console power supply voltages. Designed to replace VU meters in all McCurdy consoles and the majority of those produced by other manufacturers.



CS9100

**CS9100 10 x 10
INTERCOM SYSTEM**

\$6,500⁰⁰

Complete 10 x 10 intercom system with power supply, preamplifiers with switchable AGC, matrix, main and auxiliary output amplifiers housed in a 5.25 in. standard frame. Featuring solid-state balanced crosspoints, each input switchable to accommodate carbon microphone, dynamic microphone or line, insert capability between matrix and preamplifier, full and partial output muting, all in/out connections on rear panel connectors and a full range of customizing options.

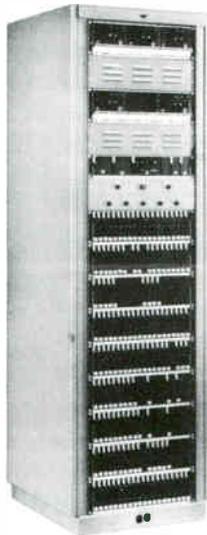


CS9200

**CS9200 20 x 20
INTERCOM SYSTEM**

\$16,445⁰⁰

Complete 20 x 20 intercom system with power supply, preamplifiers with switchable AGC, matrix, main and auxiliary output amplifiers housed in three 5.25 in. standard frames occupying 15.75 in. of rack space. Incorporates the same features as the CS9100 and is also available with all in/out connections on terminal blocks as CS9220.

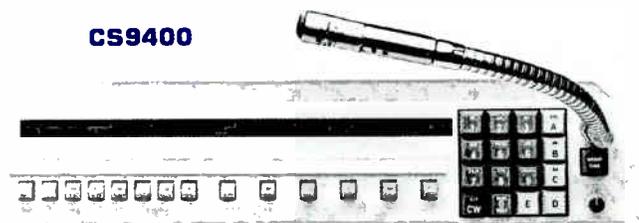


CS9000

**CS9000 INTERCOM
SYSTEM**

Custom intercom systems in matrix sizes to 120 x 120, incorporating features as described for the CS9100 designed to suit your specific requirements.

**PRICE ON
REQUEST**



CS9400

**CS9400 DIGITAL
INTERCOM SYSTEM**

Digitally controlled, all solid-state, intercom system with a multitude of standard features. Customized to suit your specific requirements in matrix sizes from 25 x 20 to 240 x 240.

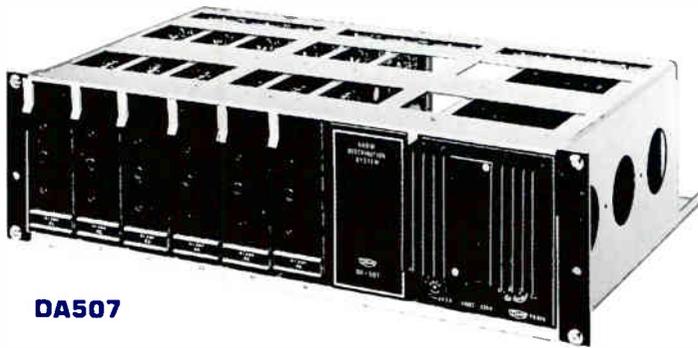


DA504

DA504

\$1,950⁰⁰

Audio distribution system consisting of power supply and up to six amplifiers, each with active-balanced 600 ohm bridging and summing input, gain control and twelve, balanced 600 ohm output splits. In addition, a direct output on each amplifier may be utilized for a maximum of 10 additional, external output splits. DC remote gain control of each amplifier is available.



DA507

DA507

\$2,900⁰⁰

Audio distribution system consisting of power supply and up to six dual (stereo) amplifiers, each with active balanced 600 ohm bridging and summing inputs, gain controls and active balanced outputs capable of driving up to six 600 ohm output splits. Thus one complete system provides 72 outputs, six splits each on 12 outputs.



SA10900S

SA10900S PREWIRED JACKFIELDS

\$295⁰⁰

A standard rack mounting jackfield, with designation strip, containing 24 tip-ring-sleeve jacks wired to a 5 row 24 position terminal block with shielded cable. Including terminal block mounting bars and available with four different lengths of interconnecting cable. Accessory patch cords available in 1 ft., 2 ft., 3 ft. and 6 ft. lengths.

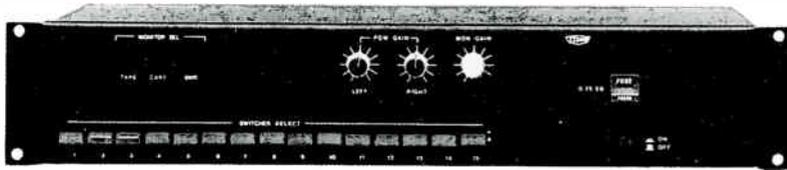


SA14023

SA14023 EXTENDED RANGE AUDIO LEVEL METER

\$1,035⁰⁰

An accurate, self-contained audio level meter accommodating inputs, in 2dB steps, from -50dBm to +30dBm for zero meter reading. Both bridging and matching, balanced, 600 ohm inputs and headset monitor outputs provided. Peak program meter available, in addition to VU meter. Housed in 3.5 in. standard rack mounting chassis.



SA145

**SA145 STEREO REEL
TAPE SWITCHER**

\$1,100⁰⁰

Self-contained stereo tape switcher with power supply and monitoring facilities housed in a 3.5 in. standard rack mounting chassis. Provides switching from one of 15 stereo inputs to one high level stereo output with individual left and right gain controls. Switch-selectable monitoring provided for unit output or one of two additional inputs.

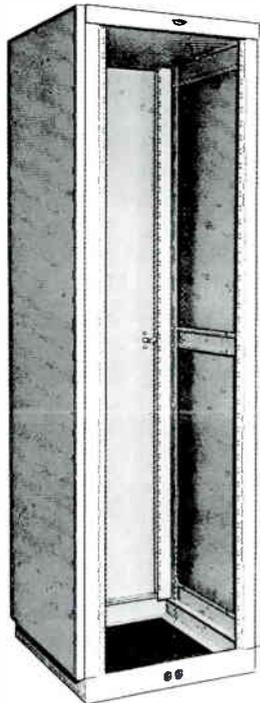


AT265

**AT265 MINI-CUE
AMPLIFIER**

\$235⁰⁰

Compact 3.5 in. high rack mounting unit complete with power supply, speaker and 2 watt amplifier with gain control. Provides local speaker cue facilities in installations such as tape recorder/reproducer consoles.



SA10420

**SA10420
EQUIPMENT RACKS**

\$710⁰⁰

Rugged equipment racks constructed of heavy gauge steel finished in textured baked enamel. Includes a full length plugmold strip for AC power distribution and convenience outlet. Available in 22 in. and 25.5 in. depths. A full range of accessories, such as doors, side panels, top panels and blank panels, is available.

- F.O.B. Plant
- State and Local Taxes Excluded
- Prices Subject to Change Without Notice
- Shipping by Surface Freight Unless Otherwise Specified.

FOR FURTHER INFORMATION, CONTACT

RAM BROADCAST SYSTEMS INC.

249 North Eric Drive, Palatine, IL 60067

312 • 358 • 3330