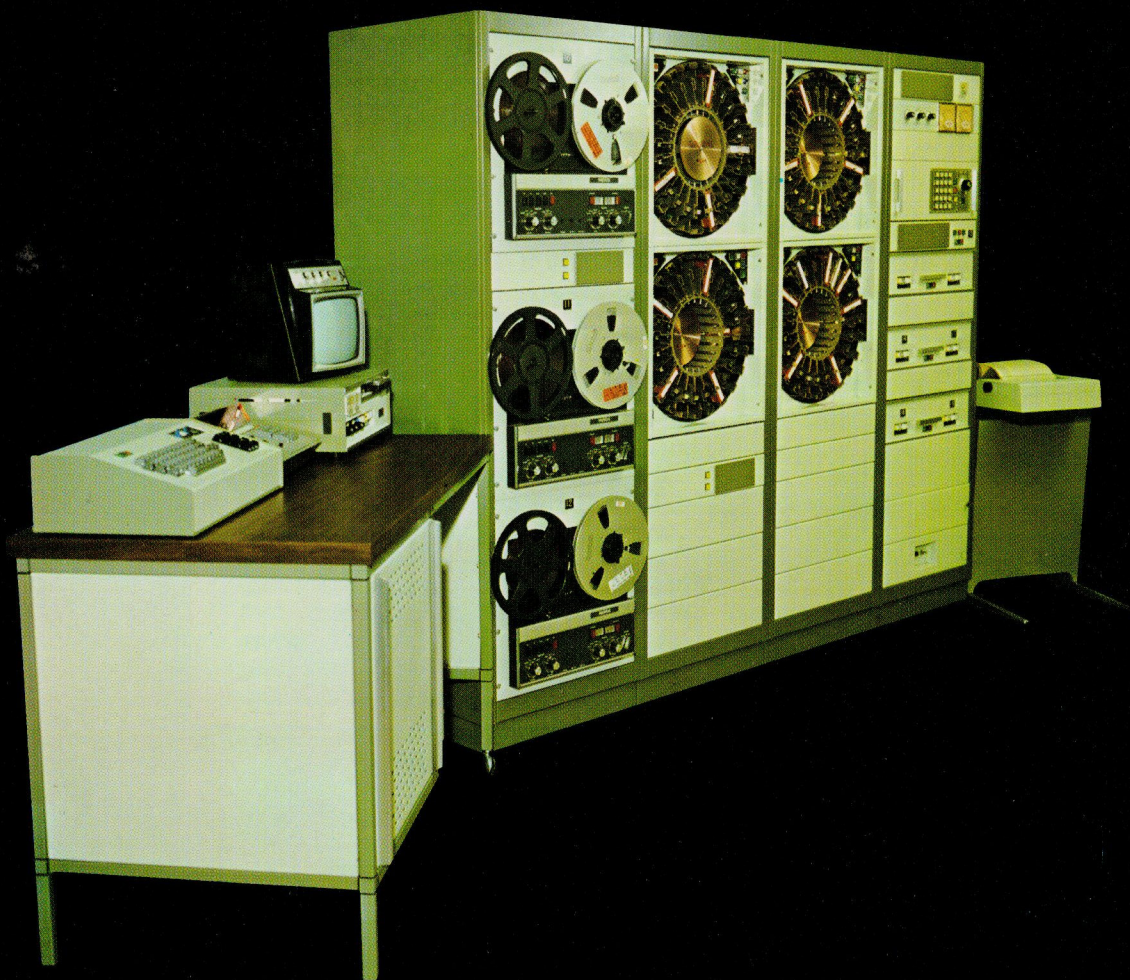




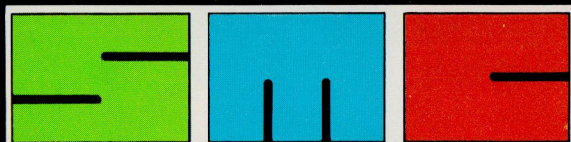
SYSTEM CONTROL  
AUDIO SWITCHER  
LOGGING

# Digital Computercasting



DDP-1  
REVERSE-ENGINEERING

DIGITAL PROGRAMMING AUTOMATION  
WITH CLEARTEXT LOGGING



Systems Marketing Corporation

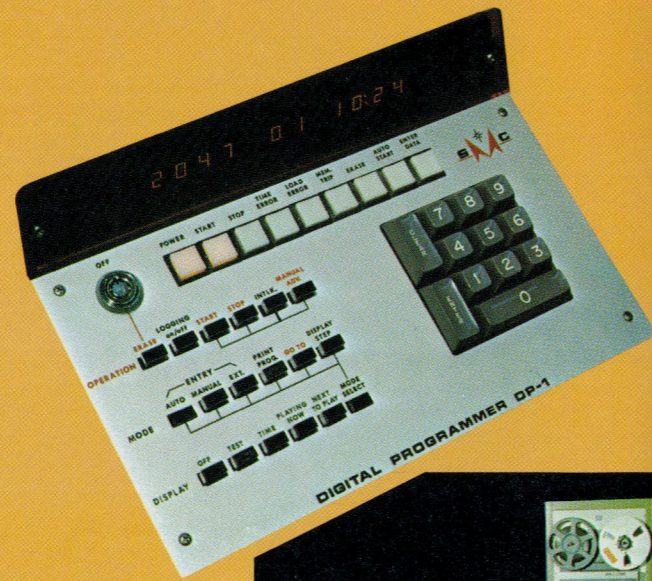
If You Didn't Get This From My Site,  
Then It Was Stolen From...

[www.SteamPoweredRadio.Com](http://www.SteamPoweredRadio.Com)

# Automation from the Only Maker of the — CAROUSEL®

## SYSTEM CONTROL

The control of the entire automation system, no matter what the audio sources, is done from a simple ten key adding machine console (see right). No special codes, no complicated sub-switchers for time or random access, all commands for the system are entered in the same place at the same time and the entire format is performed by only one machine, a hot rock format or a slow classical format all equally well controlled. Format change may be from the keyboard, magnetic tape, or punch tape. Changes or additions may be made at any time, even while the system is on the air.



## DP-1 PROGRAMMING-LOGGING

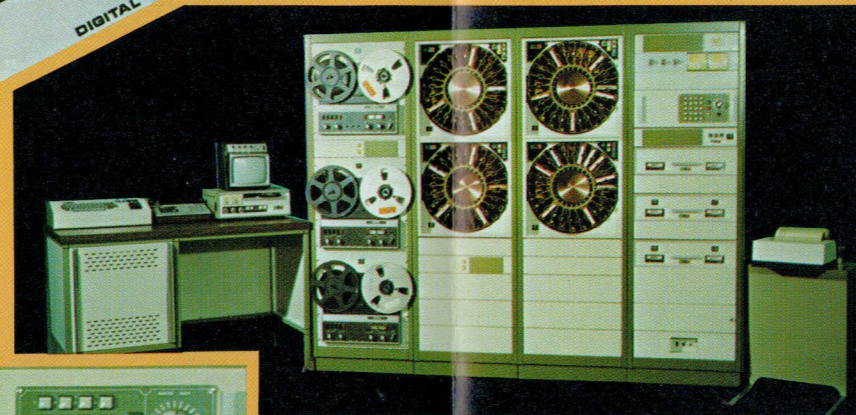
YOU GIVE THE DP-1 THESE INSTRUCTIONS

0171	01	0510	SPOT
0172	01	0722	SPOT
0173	01	0622	PSA
0174	01	1000	JINGLE
0175	01	0724	SPOT
0176	01	0522	SPOT
0177	01	0800	INTRO
0178	01	0103	MUSIC
0179	01	0800	EXTRO
0180	01	0708	SPOT
0181	01	0800	INTRO
0182	01	0303	MUSIC
0183	01	0800	EXTRO
0184	01	0601	SPOT
0185	10	10:25:30	DEAD ROLL
0186	01	1200	MUSIC FILL
0187	01	0515	SPOT
0188	01	0705	SPOT
0189	01	1300	TIME A.
0190	01	0900	ID
0191	01	1600	NETWORK
0192	10	10:34:30	LV. NET
0193	01	0503	SPOT
0194	01	0722	SPOT

THE LOGGING SYSTEM PRINTS THESE RESULTS

0510	10:13:55	BUSCH BEER 30 SECONDS
0722	10:14:25	ABE LEVERT RECORDS 30 SECONDS
0622	10:14:55	
1000	10:15:04	EASTERN AIRLINES 60 SECONDS
0724	10:15:19	DUVAL MARINE 60 SECONDS
0522	10:16:32	
0800	10:17:31	
0103	10:17:39	
0800	10:20:24	
0708	10:20:29	EASTERN AIRLINES 60 SECONDS
0800	10:21:32	
0303	10:21:48	
0800	10:25:11	
0601	10:25:33	TACO BELL REST. 30 SECONDS
1200	10:26:04	
0515	10:28:46	BAILEYS CAMERA CORNER 30 SECONDS
0705	10:29:16	ELLISON ROBERTS 30 SECONDS
1300	10:29:49	
0900	10:29:52	
1600	10:29:52	
0503	10:34:30	GORDON THOMPSON 30 SECONDS
0722	10:35:05	ABE LEVERT RECORDS 30 SECONDS

The Exclusive S.M.C. Ferrite Core Computer allows the instant insertion of any audio event. As illustrated above, you tell the computer to air a commercial in step 0171 from Carousel number five tray number ten (0510). In the logging process the computer prints out this source number and the time, then the cue track of the cart prints the correct English to form the F.C.C. Log. The center column (01) is used to tell the computer the difference between a time command and an audio source. Note that there is no sub-programming required. All entries go in the same place... another S.M.C. exclusive. The DP-1 has punched tape or magnetic tape memory loading and print out facilities for format changes while your system is "on air."



## THE AUDIO SWITCHER

The audio switcher forms the central control point in the audio equipment, it receives the information from the computer and transforms it to commands to start, or fade, or overlap two events, or join the network on time, or turn on the local newsroom mike, etc. The S.M.C. Audio Switcher is all solid state with no relays, thus no "pops" or false starts, always a firm definite action. S.M.C. Audio Switchers handle from ten to twenty audio channels and may be expanded. Any channel can be auditioned with the cue selector knob on the Audio Switcher. Step, Stop and Fade buttons make manual control easy.



## LOGGING

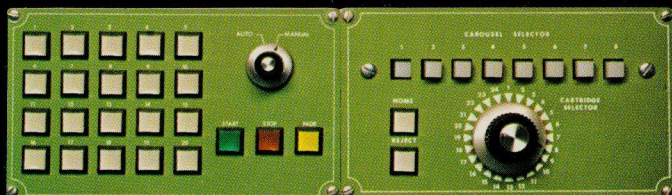
As in any S.M.C. automation system, complete cleartext logging is provided. Printout is usually on a teletype machine but can be on any remote ASCII typing facility. The encoded cart plays the audio and the cue track logging information at the same time and thus the only way that the logging information can be typed out is to actually have the cart on the air. A portion of the log comes directly from the computer control (channel number and time) and the English portion comes from the cue track of the cart, therefore, a double verification of your log. The cart encoding process is simple either with a teletype machine or Cathode Ray Tube Display.



# The World's Largest Radio Automation Company...

# STANDARD FEATURES & OPTION from SMC

## *Remote Control Exclusive Feature*



### REMOTE CONTROL & RANDOM SELECTOR MODEL RC20-RS-8/MRSC

Used as an exclusive remote control feature with SMC Automation systems, the RC-20 allows manual control of all 20 channels of the system. In the manual mode each lighted push button controls its source start. Fade and Stop functions are provided. In the Automatic mode, the channel push buttons are defeated.

The RS-8 section of the Remote Control will manually arm up to 8 Carousels. A tray Reject button and a Home light are provided

Available as a Remote Control only as Model RC-10, RC-16 and RC-20 for 10, 16 or 20 channel Audio Switchers. The RS-8/MRSC is not available separately.

Complete unit requires two 50-wire and one 25-wire cables.

- Ferrite-core memory in the DP-1 will not lose the programming instructions regardless of power off time. Over 100 DP-1 systems in operation around the world.
- Time information is stored as part of the program instructions permits backfill or fade join to network as well as auto time start and stop.
- Exclusive dual-tone backfill system prevents late network join if preceding event is longer than backfill tape.
- Program keyboard is designed like 10-key adding machine to permit one hand touch operation. Important controls like Stop, Start, data entry, data display are interlocked to prevent accidental operation while putting in data.
- Line output amplifier has adjustable AGC action and 25-Hz filters (for systems with reel to reel players). Unit also provides adjustable time fade down and start at end of fade control.
- Contact your SMC Sales Representative for more details.



**Systems Marketing Corporation**

1007 W. WASHINGTON ST.  
BLOOMINGTON, ILLINOIS 61701  
PHONE (309) 829-6373 TWX-510-353-2506

[www.SteamPoweredRadio.Com](http://www.SteamPoweredRadio.Com)

*Represented by*