

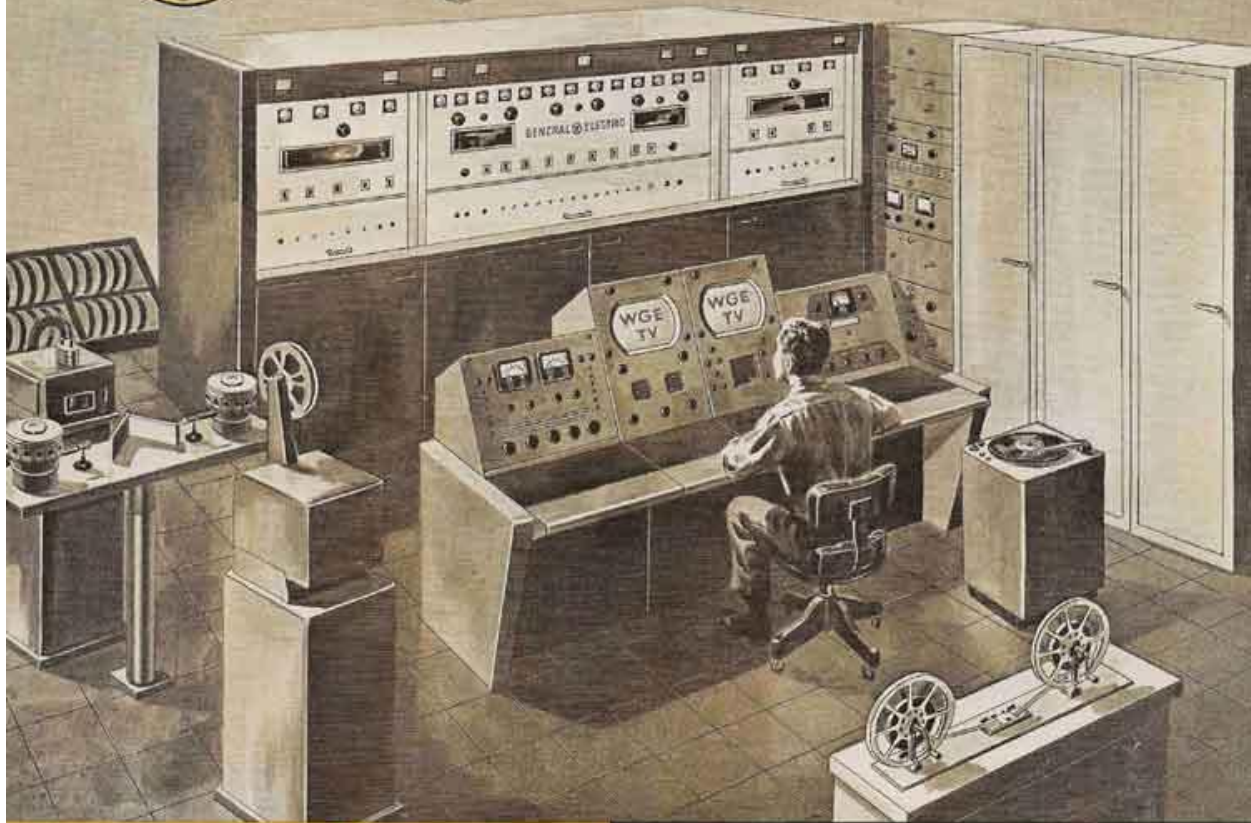
TELEVISION
EQUIPMENT

ECB-42A

ONE-MAN OPERATION



ONE-MAN OPERATION



EXTRAS FOR
EASY EXPANSION

STANDARD
EQUIPMENT

MINIMUM STATION
CONTROL
REQUIREMENTS

COMPACT, SPACE-
SAVING DESIGN

NETWORK AND
FILM SOURCES

Minimum equipment requirements for television stations programming from network and film sources are featured here. Compact and flexible, this combination of standard equipment is so designed that a single technical operator can control a station's operation.

ONE-MAN OPERATION has been designed as a beginning. It is not a cure-all for personnel problems, but many prospective broadcasters will find it a convenient and inexpensive way to start an operation which relies solely on film and network programs originating at the transmitter site.

This outlines the barest minimum of equipment required to successfully program a television station. With this modest, yet practical, beginning, broadcasters will find that facilities may be added without special adaptation and at minimum cost.

ONE-MAN OPERATION highlights GROWTH. GROWTH when station income warrants it.

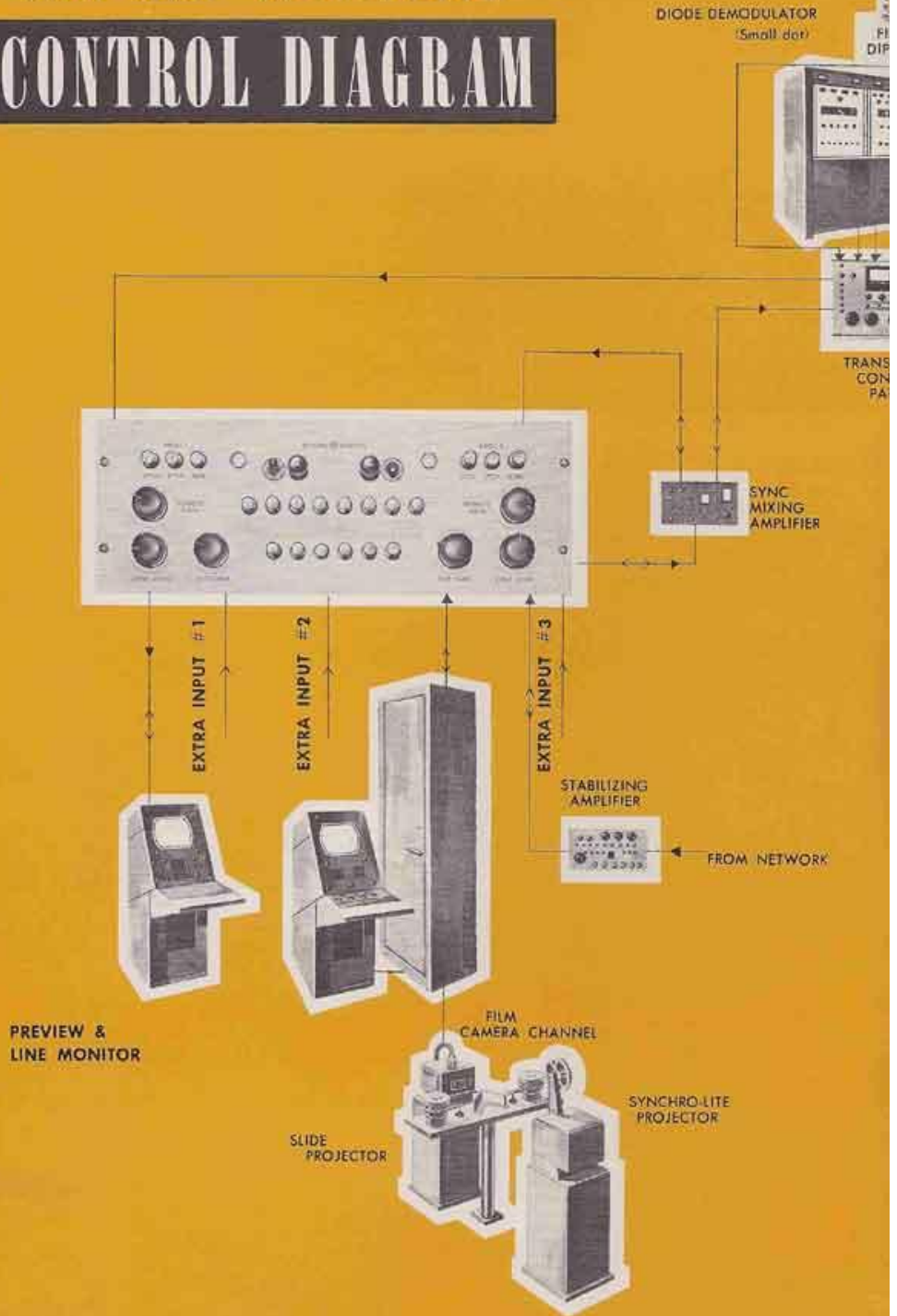
GENERAL  ELECTRIC

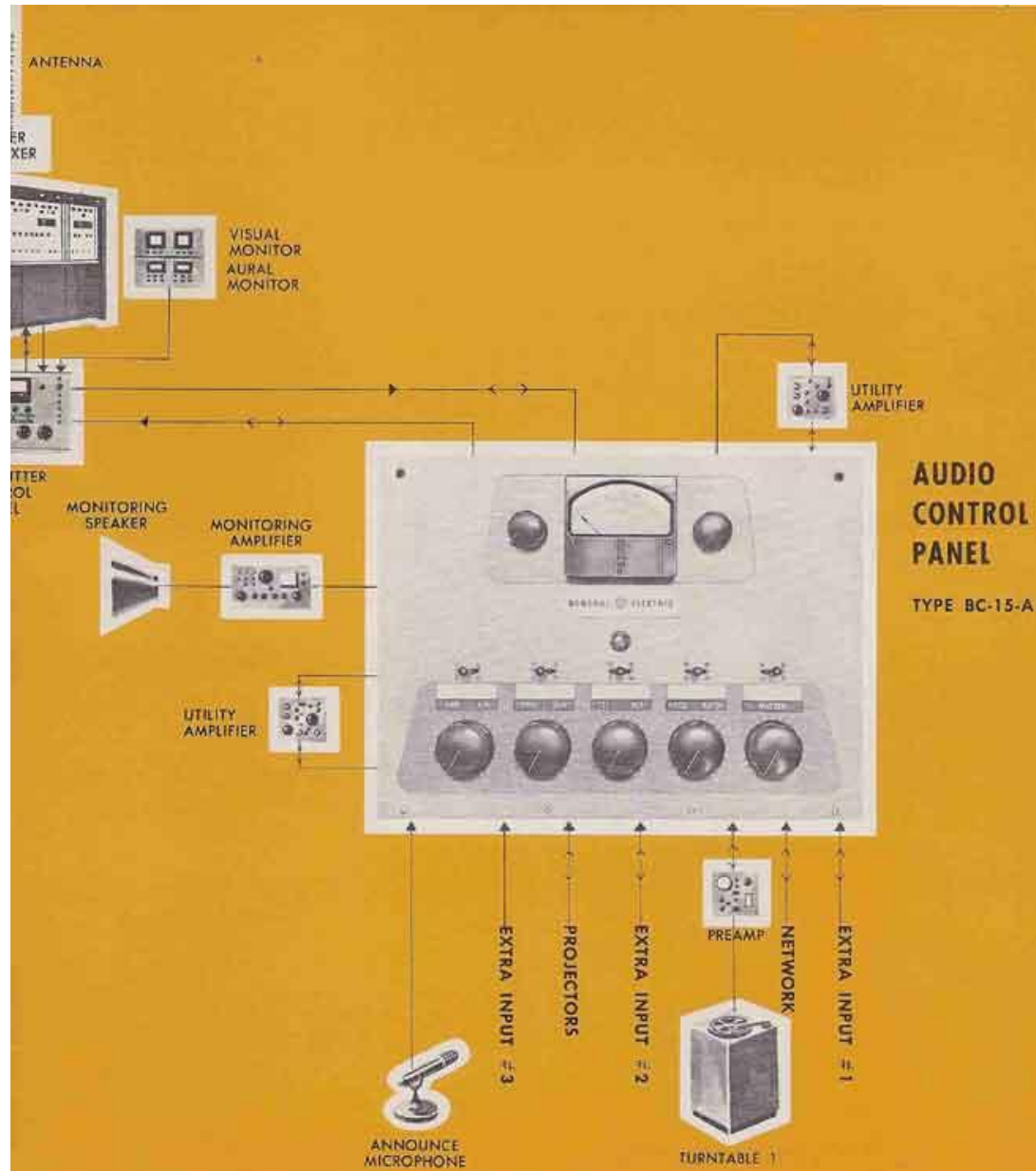


ONE-MAN OPERATION CONTROL DIAGRAM

**VIDEO
CONTROL
PANEL**

TYPE TC-39-A





ONE-MAN PACKAGE PLUS ROOM-FOR-EXPANSION EXTRAS

All units pictured here are supplied as part of the General Electric ONE-MAN OPERATION package. However, the audio and video control units provide for easy expansion as operational requirements grow.

The panels provide:

3 extra video inputs which may be used for:

- (1) Studio camera channels
- (2) Additional film channels
- (3) Remote sources

3 extra audio inputs which may be used for:

- (1) Studio microphones
- (2) Additional turntables
- (3) Inter-com facilities
- (4) Remote sources

TYPICAL 4-HOUR PROGRAM SEGMENT

PLANNING PAYS OFF . . . Advance planning is the key to smooth, continuous **ONE-MAN OPERATION**.

- Pre-edit film and load on high capacity projector reels, so that it is ready to run at a touch of the controls.
- Groups slides according to program continuity so they are readily available for easy loading.
- Cut and carefully key all audio transcriptions.

With these facilities available **ONE-MAN OPERATION** will provide an amazing versatility of film and network programming as demonstrated by the chart below.

TIME	PROGRAM	AUDIO	VIDEO	OPERATIONAL NOTES
9:45:00	Sign on—Test Pattern & Tone	Voice	Slide	9:50 Log Transmitter Readings
9:59:50	Station Identification—Weather & Time	Voice	ID slide	
10:00:00	Network Variety	Net	Net	10:20 Log Transmitter Readings
10:14:30	Regional Spot (20 sec)	Sound on film	16 mm film	
10:14:50	Station ID—Program Promotion	Voice	Slide	
10:15:00	Network Variety (cont'd)	Net	Net	10:40 Cue Transcription
10:28:50	National Spot (1 min)	Sound on film	16 mm film	
10:29:50	Station ID—Local Spot	Voice	Slide	
10:30:00	Network Variety (cont'd)	Net	Net	10:50 Log Transmitter Readings 10:55 Cue Transcription
10:44:30	National Spot (20 sec)	Sound on film	16 mm film	
10:44:50	Station ID with Local Spot	Transcription	Slide	
10:45:00	Network Homemakers	Net	Net	11:10 Cue Transcription
10:59:30	Local Spot (20 sec)	Transcription	Slide	
10:59:50	Station ID—Weather & Time	Voice	Slide	
11:00:00	National Spot (1 min)	Sound on film	16 mm film	11:20 Log Transmitter Readings
11:01:00	Film Travelogue	Sound on film	16 mm film	
11:14:30	Local Spot (20 sec)	Voice	Slides	
11:14:50	Station ID (stay tuned for . . .) Program promo	Voice	Slide	
11:29:50	Station ID—Weather & Time	Voice	Slide	
11:15:00	Introduction—TV Juke Box	Transcription	Slides	11:25 Cue Transcription
11:15:40	TV Transcription #1 (3:25)	Sound on film	16 mm film	
11:19:05	Regional Spot (40 sec)	Sound on film	16 mm film	
11:19:45	TV Transcription #2 (3:55)	Sound on film	16 mm film	12:10 Cue Transcription
11:23:40	National Spot (1 min)	Sound on film	16 mm film	
11:24:40	TV Transcription #3 (4:10)	Sound on film	16 mm film	
11:28:50	Regional Spot (20 sec)	Sound on film	16 mm film	
11:29:10	Sign Off—TV Juke Box	Transcription	Slides	
11:29:50	Station ID—Weather & Time	Voice	Slide	11:35 Reload Slide Projector 11:50 Log Transmitter Readings
11:30:00	Network—Quiz	Net	Net	
11:59:30	Program Promo (20 sec)	Voice	Slide	
11:59:50	Station ID—Weather & Time	Voice	Slide	12:20 Log Transmitter Readings
12:00:00	Network—News	Net	Net	
12:14:30	National Spot	Sound on film	16 mm film	
12:14:50	Station ID—Local Spot	Transcription	Slide	12:50 Log Transmitter Readings
12:15:00	Network Drama #1	Net	Net	
12:29:30	Regional Spot	Sound on film	16 mm film	
12:29:50	Station ID—Weather & Time	Voice	Slide	1:20 Log Transmitter Readings
12:30:00	Network Drama #2	Net	Net	
12:44:30	Regional Spot (20 sec)	Sound on film	16 mm film	
12:44:50	Station ID—Public Service Announcement	Voice	Slide	2:05 Reload Synchro-Lite Projector
12:45:00	Network Drama #3	Net	Net	
12:59:30	National Spot (20 sec)	Sound on film	16 mm film	
12:59:50	Station ID—Weather & Time	Voice	Slide	1:20 Log Transmitter Readings
1:00:00	Movie Matinee	Sound on film	16 mm film	
1:19:40	National Spot (1 min)	Sound on film	16 mm film	
1:34:00	National Spot (1 min)	Sound on film	16 mm film	
1:51:40	Regional Spot (20 sec)	Sound on film	16 mm film	
1:58:30	National Spot (1 min)	Sound on film	16 mm film	
1:59:50	Station ID—Weather & Time	Voice	Slide	

ELECTRONICS DIVISION

GENERAL  ELECTRIC

ELECTRONICS PARK • SYRACUSE 1, N. Y.

In Canada, Canadian General Electric Company, Ltd., Toronto, Ont.
Outside the U.S.A. and Canada, by International General Electric Company,
Electronic Sales, 370 Lexington Ave., New York, N. Y., U.S.A.

GENERAL ELECTRIC

Minimum Equipment Required for "ONE MAN OPERATION"*

QUANTITY	TYPE OR CAT. NO.	DESCRIPTION	PRICE**
TRANSMITTER, ANTENNA AND ACCESSORIES			
1	TT-20-A	1 KW TV Transmitter including one set of tubes, two sets of crystals, transmitter control panel, filter diplexer (suitable for 1KW), and installation and operating instructions.....	\$ 54,500.00
1		Set of FCC required tube spares for TT-20-A transmitter.....	966.00
1	TM-12-C	TV Station Monitor for visual and aural monitoring.....	2,905.00
1	TV-54-A	Diode Demodulator.....	370.00
1	TY-22-B	Helical two-bay TV Transmitting Antenna with input power rating of 60 KW and a gain of 10; includes mast and radiators	6,800.00
		TRANSMITTER, ANTENNA & ACCESSORIES..... Total	\$ 65,541.00
STUDIO EQUIPMENT			
1	TC-25-A	Calibration Monitor including Calibration Monitor TM-8-B, cabinet PR-13-A, and base PR-12-A with space for mounting TC-39-A switching panel.....	\$2,910.00
1	TP-12-A	275 V DC, 900 ma Power Supply.....	680.00
1	TC-39-A	Program Switching Panel (Mounts in base PR-12-A below Calibration Monitor.....	395.00
1	BC-15-A	Audio Control Panel.....	820.00
2	PR-17-A	Turret Cabinets at \$130 (One to mount Transmitter Control Panel; other to house Audio Control Panel BC-15-A).....	260.00
2	PR-16-A	Console Cabinets at \$310 (One to mount Transmitter Control Panel Turret; other to house BC-15-A Turret).....	620.00
1	PR-11-A	Right End Cap.....	60.00
1	PR-11-B	Left End Cap.....	60.00
1	FS-2-A	Monitoring Speaker in wall-mounted cabinet.....	31.00
1	635	Electro-Voice Dynamic Microphone.....	41.40
1	423-A	Electro-Voice Desk Microphone Stand.....	2.70
1	530-E	Fairchild 3-Speed Turntable.....	530.00
1	A-1-501	Transcription Arm (To mount Variable Reluctance Cartridge RPX-047).....	Approx. 33.00
1	RPX-047	Variable Reluctance Cartridge (Triple Play).....	9.27
1	RPJ-013	Dual Stylus for RPX-047 Cartridge.....	18.60
1	BA-3-A	Equalized Transcription Amplifier.....	150.00
1	BA-2-A	Audio Program Amplifier.....	210.00
2	BA-10-A	Utility Input Amplifiers at \$95.....	190.00
1	FA-5-E	Panel and Mounting for BA-10-A Amplifiers.....	17.50
1	BA-4-E	Monitoring Amplifier.....	200.00
3	PR-1-A	Cabinet Racks (To mount audio equipment, Station Monitor TM-12-C, TX-11-A UHF Sweep Generator, video equipment, and power supplies) at \$195.....	585.00

QUANTITY	TYPE OR CAT. NO.	DESCRIPTION	PRICE**
STUDIO EQUIPMENT (Con'd)			
2	PR-3-A	Front Doors to PR-1-A at \$65.....	\$130.00
1	PR-4-A	Terminal Board Frame (for Audio Rack).....	9.00
4	MLK-7118765-G-1	Power Terminal Boards at \$2.00 (for audio and power connections in Audio Rack).....	8.00
6	PR-8-A	Cabling Straps at \$2.25.....	13.50
1	FA-6-C	Blank Panel, 5 $\frac{7}{32}$ ".....	5.20
2	FA-6-G	Blank Panels, 12 $\frac{7}{32}$ " at \$6.55.....	13.10
1	PG-2-B	Synchronizing Generator.....	3,150.00
1	TV-16-B	Stabilizing Amplifier.....	720.00
2	TP-13-C	275 V DC, 450 ma Power Supply at \$340 (One for PG-2-B; other for TV-16-B).....	680.00
1	PE-5-C	Film Camera Channel. Includes one Film Camera PC-2-D; one Film Camera Stand PD-6-A; one completely wired rack, PE-3-H; 25 feet of camera-to-rack cable assembly, Cat. # ML-7662420-G-2; 50 feet of rack-to-console cable assembly, Cat. # ML-7667031-G-1; one Camera Control Console TC-23-H.....	11,150.00
1	TV-15-C	Mirror Change-Over.....	225.00
1	PF-5-A	16mm Synchro-Lite Projector.....	7,850.00
2	TV	Selectro-Slide Jr. Slide Projectors, 2" x 2", equipped with 7" lenses at \$297.....	594.00
1	TV-51-A	Sync Mixing Amplifier.....	420.00
1	TP-17-A	Bias Power Supply (for TV-51-A).....	105.00
1	PR-9-A	Mounting Frame for TV-51-A and TP-17-A.....	14.50
1	ML-7485413-G-1	Cable Harness for TV-51-A and TP-17-A.....	15.00
		STUDIO EQUIPMENT.....Total	\$ 32,935.77

ACCESSORY EQUIPMENT

1		Marka-Sweep Video Sweep Generator.....	\$495.00
1	ST-2-A	G.E. 5-inch Oscilloscope.....	327.50
1	TX-11-A	UHF Sweep Generator.....	1,600.00
		Miscellaneous Projection Room & Film Handling Equipment.....	540.00
2		7" Lens Supports for Selectro-Slide Jr. TV Model, 2" x 2", at \$15.00 (Required if the projectors are mounted side-by-side on the stand in the rear of the TV-15-C Mirror Change-Over).....	30.00
1	Type 10	Powerstat. (Mounted on the TC-39-A control panel, this unit enables either lap dissolves from one slide to another, or fade-ins and fade-outs of slide projectors.....Approx.	12.50
		ACCESSORY EQUIPMENT.....Total	\$ 3,005.00

"ONE MAN OPERATION" EQUIPMENT.....Total \$101,499.22

*Transmission line and fittings, tower and lighting, load and buildings not included.

**Subject to change with or without notice.