



THE **TURNER** CO., INC.
A SUBSIDIARY OF CONRAC CORPORATION

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UNITED KINGDOM AND CONTINENTAL EUROPE:
Conrac Ltd.
346 Kensington High Street
London W. 14, England

OTHER WORLD MARKETS:
contact Turner Company Export Sales Dept.

Stands

Model C-7

Shock-mounted desk stand. Die-cast base finished in satin chrome. Height 5 $\frac{5}{8}$ " maximum width, 4". Shipping weight is 2 pounds. List Price \$12.00.

Model C-7G

Gold finished Model C-7 to match Model 500 gold. List Price \$12.00.

Model C-3

Die-cast base finished in satin chrome. 6" upright, base diameter 5". Shipping weight is 1 pound. List Price \$6.00.

Model G-12

Floor stand with 5/8"-27 thread. Finished in gleaming chrome. Non-slip telescope action adjusts to heights from 35" to 65". Shipping weight is 13 pounds. List Price \$18.00.

Model MB-10

Adjustable Baby Boom provides flexibility in microphone positioning when used with G-12 floor stand. Shipping weight is 4 pounds. List Price \$12.50.

Uprights and Flexarms

For stand or adaptor mounting 5/8"-27 threads.

Model 1572-5

6" steel upright. List Price \$3.00

Model 1572-12

10" upright. List Price \$3.00

Model 5857A-4

16" flexarm. List Price \$5.00

Model 5857

13" flexarm. List Price \$4.00

Cartridges

Model 13C

Universal replacement dynamic interior used in Turner Model 9D, 33D, 70D, SR90D and 250 series. Size, 2" diameter x 7/8" depth. List Price \$12.00.

Model 194

Replacement dynamic interior for Models 58, S-58, 95D. Size, 7/8" diameter. x 1 $\frac{1}{4}$ " long. List Price \$24.00.

Model CB-25

Consists of 25 Model 21C replacement microphone interiors individually poly-bagged and mounted on an attractive 14" x 22" display card. Replacement interiors used in Model 350C, 254C. List Price \$250.00.

Model 21C

Universal ceramic interior used in Turner's 350C and 254C. Size, 1-29/32" diameter x 1/2" depth. List Price \$10.00.

Model 199-1

Replacement ceramic interiors for Models 304C, 300-02, 707. Size, 1 $\frac{1}{2}$ " diameter x 5/16" depth. List Price \$10.00.

Model 33

Replacement carbon interior, used in all Turner carbon microphones. Size, 1 $\frac{3}{4}$ " diameter x 9/16" depth. List Price \$10.00.

Model 35599A-1

Replacement ceramic interior for Model +2. Size, 1-29/32" diameter x 1/2" depth. List Price \$10.00.

Model 33405A

Replacement ceramic interior for Model M+2U. Size is 1-29/32" diameter x 1/2" depth. List Price \$10.00.

Accessories

Model 35668

Replacement coiled cord. Three-conductor (one shielded), 11" retracted—5' extended. Shipping weight, 1 pound. List Price \$3.70.

Model TR-3

Line transformer matches 150-250 ohm microphone into high impedance inputs. Matte black finished magnetic shielded steel case is .800" diameter and 2-9/16" long. Supplied with mating 3-pin input connector and single-pin output connector. Shipping weight, 8 ounces. List Price \$20.00.

Model 5834A-1

Universal lavalier assembly complete with neck cord and tie clip. Neutral brown finish matches Models 58, 58A. List Price \$6.00.

Model 5836

Replacement neck cord for Model 5834A-1. List Price \$1.25.

Model 9035A-2

Universal spring tension clip dash bracket with mounting screws. List Price \$.63.

Model RA-50

Remote amplifier features: on-off switch, 150 or 600 ohm output impedance, 50 db of gain controlled by integral volume control, self-contained 9 volt power source, reliable two stage silicon transistor amplifier installed in an anodized, brushed aluminum housing, which can be wall-mounted or clipped to an upright. Can be used with any low impedance microphone in feeding long lines or for combining many microphones into a single input. Size, 2" x 2" x 3 $\frac{7}{8}$ ", output cable length 4 feet, input cable length 3 feet. List Price \$50.00.

Model WS-1

Broadcast windscreen effectively reduces breath popping or wind blasting. List Price \$6.50.

Tape Recording

Varied microphone input impedance and connecting plug receptacle requirements on today's tape recorders make the selection of the proper replacement microphone essential to the satisfactory functioning of the recorder. Turner offers a wide variety of tape recorder microphones designed to meet required performance characteristics and to provide a selection of style, size and functional versatility. Carefully review the impedance and receptacle requirements of your tape recorder before purchasing a replacement microphone.

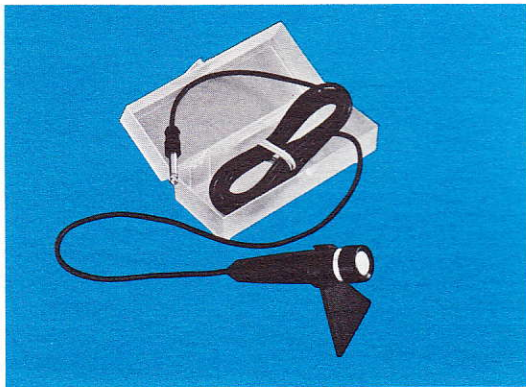
Of particular importance to owners of the currently popular cassette recorders are the Models 2811 and 2812. Unlike conventional tape recorders, which require microphones wired for audio input only, the cassette models are built to accept a microphone which also includes a switch for start-stop functions. The Turner 2811 and 2812 provide this switch, and also have a cable termination which permits the user to plug in the start-stop plug and the audio plug individually. This feature provides a universal application to a variety of cassette recorders which may have variations in the spacing of the microphone receptacle in the cassette recorder.



MODEL 2811/2812



MODEL 2850



MODEL 2800



MODEL 2804, MATCHED STEREO PAIR



MODEL 304C

Model 2800

Omni-directional dynamic microphones feature slender styling in durable Cyclocac with versatile stand—lavalier accessory and 12-foot cable with molded phone plug. High impedance, frequency response 80-12,000 Hz, output level: -63 db (0 = 1 volt/microbar). Shipping weight is 1 pound.

Model 2804

Offers a pair of Model 2800's matched for stereo recording. Shipping weight is 2 pounds.

Cassette Replacement Microphones

Model 2811

Provides a high impedance dynamic microphone with on-off remote switch, 12-foot cable terminated in a variable spaced split-two-prong mini plug for cassette recorders. Frequency response 80-12,000 Hz. Output level: -63 db (0 = 1 volt/microbar). Shipping weight is 1 pound.

Model 2812

A low impedance version of the Model 2811.

Model 2813

Dynamic microphone offers high impedance with on-off switch and a 12-foot cable with a molded phone plug. Frequency response 80-12,000 Hz. Output level: -63 db (0 = 1 volt/microbar). Shipping weight, 1 pound.

Model 2814

Provides all features of the Model 2813 in a low impedance dynamic.

Model S2850

Dynamic cardioid microphone with on-off line shorting switch. A new addition to the line and an outstanding value. May be used in the hand, or, utilizing the handy accessory included, as a lavalier, or desk microphone. Highly directional, it effectively cancels sounds arriving from the rear. Smooth, peak free response to sounds arriving from the front. Range 70 to 12,000 Hz. Tough, durable Cyclocac housing. Combination high/low impedance. 12-foot cable. Output level: high impedance, -60 db (0 = 1 volt/microbar); 150 ohms, -62 db (0 = 1 mw./10 microbars). Shipping weight 1½ pounds.

Model 2852

Offers a pair of 2850's matched for stereo recording. Shipping weight, 2 pounds.

Model 304C

Ceramic microphone kit offers the temperature and humidity stability of a ceramic interior, with the functional versatility of desk stand, stand adaptor (for floor or desk stand) and lavalier assembly. Finished in combination black and clear polystyrene with 12-foot cable. The Model 304C matches high impedance inputs, frequency response 60-10,000 Hz. Output level, -60 db (0 = 1 volt/microbar). Shipping weight, 3 pounds.

Model 300C

Same microphone as included in 304C kit except does not include desk stand, stand adaptor or lavalier assembly.

Model 304X

Microphone kit provides all features of the Model 304C with a crystal interior. Output level: -54 db (0 = 1 volt/microbar).

Model 30002

Model 304X less desk stand, stand adapter and lavalier assembly.

List Prices

| | |
|---|---------|
| Model 2800 | \$20.00 |
| Model 2804, stereo matched pair | 40.00 |
| Model 2811 | 20.00 |
| Model 2812 | 20.00 |
| Model 2813 | 20.00 |
| Model 2814 | 20.00 |
| Model S2850 | 44.00 |
| Model 2852, stereo matched pair | 88.00 |
| Model 304C | 18.00 |
| Model 300C | 15.00 |
| Model 304X | 18.00 |
| Model 30002 | 15.00 |

Paging, Public Address and General Purpose

The utility features of a paging microphone are a major consideration, since there are a variety of applications requiring specific mechanical design characteristics. The choice of desk model, fixed mount units and hanger-type microphones (see Pages 10, 11, 18 and 19 for additional hanger-type microphones) covers most of the paging applications. The performance specifications—impedance, output level, and frequency response—are also important if the microphone is to function properly with the amplifying equipment. Finally, the switching functions required in the specific application may be a factor in the selection of the right model. Detailed technical information, along with architect-engineer's specifications, are available on the individual Turner specification sheets covering each model.



MODEL 750



MODEL +50



MODEL 251

Turner 750 Series

The 750 series microphones are designed and styled to match the decor of today's office furniture and consoles and have a rugged die-cast metal case which incorporates a touch-bar to actuate leaf spring switches and a "flick of the finger" slide lock to permit either momentary or "locked-on" use of the touch bar. Leaf switches are rigidly mounted to the base of the microphone to prevent them from getting out of adjustment. Base is designed to accommodate additional switch contacts for maximum switching flexibility. All models in the 750 series of dynamic paging microphones employ Turner's latest design, wide-range, dynamic interior for smooth, peak-free performance. Modern, professional, brown metallic finish with chrome trim, non-marking rubber feet for desk or table top protection.

Model 750*

High impedance. 7-foot, three-conductor (two shielded) cable. Normally open switching for relay control. Output level: -52 db (0 = 1 volt/microbar). Frequency response: 60-10,000 Hz.

Model 751*

150 ohm impedance. 7-foot, four-conductor (two shielded) cable. Normally open switching for relay control. Output level: -52 db (0 = 1 mw./10 microbars). Frequency response: 60-10,000 Hz.

Model 758*

150 ohm impedance. 7-foot, four-conductor (two shielded) cable. Line shorting switching on the microphone with normally opened relays for relay control. Output level: -52 db (0 = 1 mw./10 microbars). Frequency response: 60 to 10,000 Hz.

**Models 750, 751, and 758 carry Turner's exclusive Five Year Guarantee.*

Turner 250 Series

The workhorse series of paging microphones, found in many more applications and new variations of function each year. Designed to stand on a table, the one-piece die-cast case incorporates a touch bar to actuate leaf spring switches and a locking lever to permit either momentary or locked-on use of the touch bar. The lift switch feature incorporated in some models duplicates the touch bar switching function so the microphone may be switched either with the touch bar or by lifting from the table surface.

All models are wide range dynamics. Satin chrome finish. Non-marking rubber feet. 7³/₄" height, 5¹/₂" depth, 3 pounds weight, 4 pounds shipping weight.

Model 250

With lift switch, high impedance, 20-foot three-conductor (one shielded) cable. Normally open switching for relay control. Output level: -52 db (0 = 1 volt/microbar). Response: 60-10,000 Hz.

Model 251

With lift switch, 150 ohm impedance, 20-foot four-conductor (two shielded) cable. Normally open switching for relay control. Output level: -52 db (0 = 1 mw./10 microbars). Response: 60-10,000 Hz.

Model 252

Without lift switch. High impedance. 7-foot three-conductor (one shielded) cable. Normally open switching for relay control. Output level: -52 db (0 = 1 volt/microbar). Response: 60-10,000 Hz.

Model 253

Without lift switch, 150 ohm impedance. 7-foot four-conductor (two shielded) cable. Normally open switching for relay control. Output level: -52 db (0 = 1 mw./10 microbars). Response: 60-10,000 Hz.

Model 258

With lift switch, 150 ohm impedance, 20-foot four-conductor (two shielded) cable. Normally closed (line shorting) microphone and normally open relay switching. Output level: -52 db (0 = 1 mw./10 microbars). Response: 60-10,000 Hz.

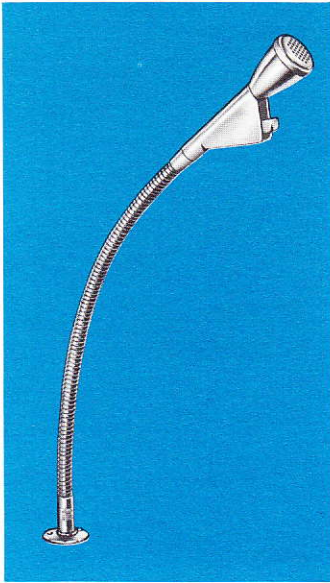
Model +50

Containing its own transistor amplifier and battery power source, it is the solution to the problem of very long lines between microphone and power amplifier. Smooth, wide-range response from 60-10,000 Hz. Output level: +2 db (0 = 1 mw./10 microbars). Impedance of 150 or 600 ohms selected with a slide switch in the base of the microphone. On-off switching is virtually noiseless. Volume control adjusts amplifier gain—up to 50 db. Maximum output is -5 dbm, enough to allow paralleling of several microphones through suitable matching resistance networks into a single power amplifier. Normally open switch operated in conjunction with the on-off switch may be used for relay control or for muting of music in paging systems. Satin chrome case. Four-conductor (two shielded) 7-foot cable. Shipping weight is 3 pounds.

List Prices

| | |
|-----------|---------|
| Model 750 | \$75.00 |
| Model 751 | 75.00 |
| Model 758 | 75.00 |
| Model 250 | 65.00 |
| Model 251 | 65.00 |
| Model 252 | 55.00 |
| Model 253 | 55.00 |
| Model 258 | 65.00 |
| Model +50 | 80.00 |

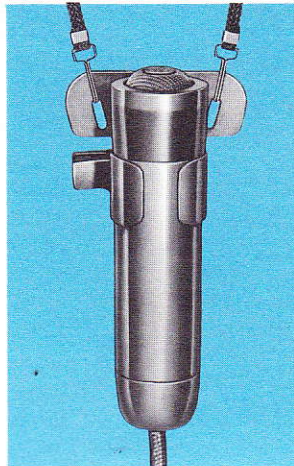
Paging, Public Address and General Purpose



MODEL SR585D



MODEL P-9D



MODEL 58



MODEL SR70D



MODEL 35614



MODEL 33D

Model SR585D

Grocery check-out counters, switchboards, airline announcing stations—any place a fixed installation paging and announcing microphone is needed is the place for the SR585D. Die-cast microphone and switch housings are mounted on a 16" flexible arm with a 3-hole flange for installation to any flat surface. Satin chrome plated. Switch is DPDT leaf spring for long life and maximum utility in switching circuitry. Momentary contact. One pole is normally closed (line shorting) in the mike circuit and one pole is normally open for external relay control or music muting.

Output level: high impedance, -58 db (0 = 1 volt/microbar); 150 ohm, -58 db (0 = 1 mw./10 microbars). 150 ohm or high impedance (specify). Three- or four-conductor (two shielded) cable extends 4-foot from flange. Also available from stock in low impedance with both switches normally open, specify **A58772**.

Model 585

Similar to SR585D listed above, but without a switch. Specify high or 150 ohm impedance.

Model SR70D

Dynamic microphone for use in difficult environments, the Model SR70D is completely waterproof and dust tight. Use it out-of-doors in any weather, in industrial locations where dust, fumes and vapors are a problem. Heavy die-cast housing. All stainless steel hardware, baked-on grey finish. 7-foot cable. Momentary on-off switch for external circuit control. 200 ohm impedance. Output level: -52 db (0 = 1 mw./10 microbars).

Model 58

Favorite of many users, the microphones in this series are dependable performers. Omni-directional, they may be used as a desk microphone (with matching G-4 stand) as well as a lavalier. All metal 1" diameter case is finished in neutral umber grey. Hi/lo impedance, 4" long, 25-foot three-conductor shielded cable, weighs 3½ ounces. Output level: high impedance, -60 db (0 = 1 volt/microbar); low impedance, -60 db (0 = 1 mw./10 microbars).

Model 58A

50/200 ohm impedance, 4" long, 25-foot three-conductor shielded cable. Output level: -60 db (0 = 1 mw./10 microbars).

Model S58

With line shorting on-off switch, high/low impedance, 25-foot three conductor shielded cable. Output level: high impedance, -60 db (0 = 1 volt/microbar); low impedance, -60 db (0 = 1 mw./10 microbars).

Model 33D

Dynamic microphone. Another old timer in the Turner catalog. Used all over the world for public address, ham radio. Swivel mounting. Zinc die-cast case, satin chrome finish. With 20-foot detachable cable. High impedance or 200 ohms (specify). Output level: high impedance, -54 db (0 = 1 volt/microbar); 200 ohm, -54 db (0 = 1mw./10 microbars).

Model S33D

Same as the 33D, but with an on-off switch.

Model P-9D

Dynamic microphone. This is a long-standing favorite in the Turner catalog. It can't be beat when the need is for a microphone that will take knocks and rough usage. Heavy zinc die-cast case. Satin chrome finish. Output level: high impedance, -52 db (0 = 1 volt/microbar); 200 ohms, -52 db (0 = 1 mw./10 microbars). High impedance or 200 ohms (specify), 7-foot detachable cable. For use either in the hand, mounted on a stand, or on a gooseneck.

Model 35614

Dynamic, for P.A. installations, is specifically designed, with its 600 ohm impedance, for use with inexpensive portable P.A. systems. Standard type 355 case; 5-foot four-conductor (two shielded) coiled cord. Output level: -54 db (0 = 1 mw./10 microbars).

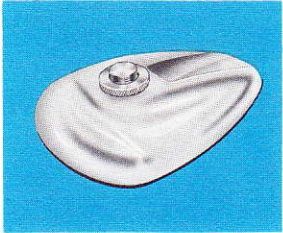
Model 36004

A low cost, dynamic hand-held paging microphone for P.A. installations. Same performance and dynamic cartridge as the Model 35614, but using the new 360 style rugged Cyclocac case. Its ¾ scale case size matches today's transistorized equipment. 5-foot extended, 12" retracted, four-conductor (two shielded) coiled cord. Output level: -54 db (0 = 1 mw./10 microbars).

List Prices

| | |
|--------------------------------------|---------|
| Model SR585D | \$50.00 |
| Model A58772 | 50.00 |
| Model 585 | 40.00 |
| Model SR70D | 65.00 |
| Model 58 | 63.00 |
| Model 58A | 63.00 |
| Model S58 | 75.00 |
| Model 33D | 50.00 |
| Model S33D | 55.00 |
| Model P-9D | 55.00 |
| Model 35614 | 30.00 |
| Model 36004 | 30.00 |
| G-4 Clip-on Stand | 6.00 |
| G-10 Floor or Desk Adaptor | 6.00 |

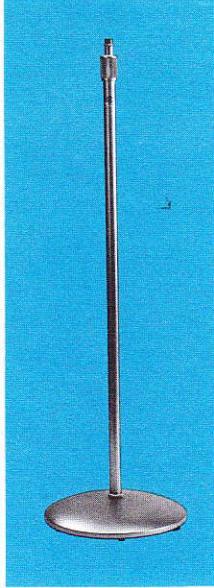
Stands, Cartridges, Accessories



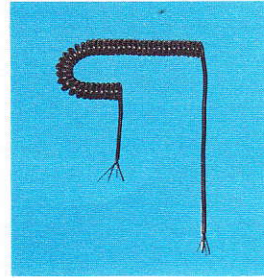
MODEL C-7



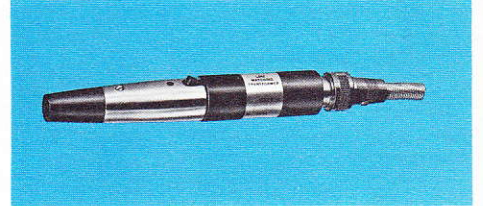
MODEL C-3



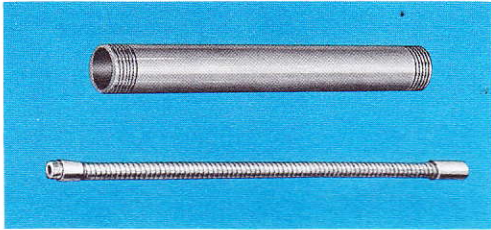
MODEL G-12



MODEL 35668



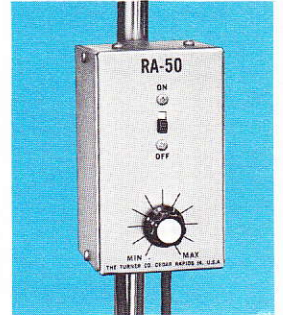
MODEL TR-3



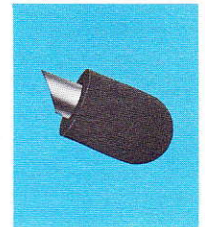
UPRIGHTS AND FLEXARMS



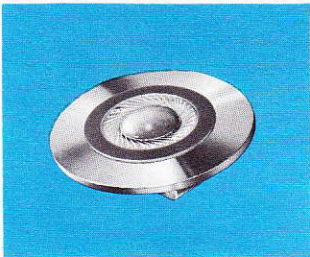
MODEL 5834A-1



MODEL RA-50



MODEL WS-1



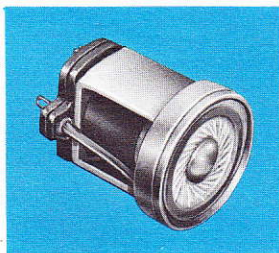
MODEL 13C



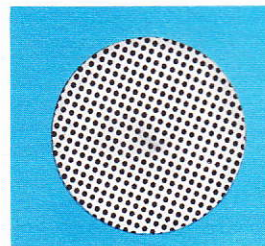
MODEL CB-25



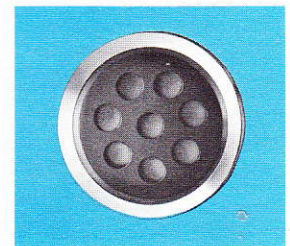
MODEL 21C



MODEL 194



MODEL 199-1



MODEL 33