



PROFESSIONAL TAPE AND DISC EQUIPMENT

PRESTO RECORDING DISCS

MASTERS

PRESTO MASTERS represent the ultimate development in the art of recording disc manufacturing. Every step of their production is carefully checked, and the final inspection is one of the most rigorous in the industry. Over twenty-five years of experienced leadership assures you of the finest possible cutting and plating characteristics. Proof of quality and reliability lies in the continued insistence by leading studios on MASTERS by Presto. Single side MASTERS are identical to double side, except that only one side is warranted perfect. Specify if drive hole is desired. Separate envelopes are provided on request. Shipped with spacers between discs in wood crate or time proved Presto Pak.

Packed 25 per carton.
*20 per carton

Type Number	Overall Thickness in Inches	Diameter in Inches	List Price
	Double Side		
620A	.050	10	\$2.50
621A	.050	11 ⁷ / ₈	3.20
623A	.050	13 ¹ / ₄	4.05
626A	.050	16	5.95
627A	.064	17 ¹ / ₄ *	6.95
	Single Side		
820B	.050	10	1.95
821B	.050	11 ⁷ / ₈	2.50
823B	.050	13 ¹ / ₄	2.95
826B	.050	16	4.70
827B	.064	17 ¹ / ₄ *	5.10

GREEN LABEL

GREEN LABEL recording discs are of the same high quality as Presto MASTERS. They are ideal for the most critical recording purposes. Both sides are warranted flawless. Packed 25 in carton. The exclusive GREEN LABEL seal is your guarantee of complete satisfaction. Separate envelopes are provided. Shipped in the user approved Presto Pak carton.

610A	.040	10	1.40
611A	.050	11 ⁷ / ₈	2.55
616A	.050	16	4.60

Packed 25 per carton

BROWN LABEL

BROWN LABEL recording discs represent a real saving when a disc is desired of GREEN LABEL quality, but where only one perfect side is required. The "second" side is usually suitable for test cuts, reference recordings, etc. BROWN LABELS are identified by an embossed seal and are packed in the full protection of the Presto Pak carton. Separate envelopes are provided.

810B	.040	10	1.20
811B	.050	11 ⁷ / ₈	2.00
816B	.050	16	3.70

Packed 25 per carton

WHITE LABEL

WHITE LABEL recording discs offer an opportunity for savings when full GREEN LABEL quality is not required. They are excellent for test cuts, reference recordings, playbacks or better quality amateur recording. The same quality lacquer and aluminum base material used in GREEN LABELS and MASTERS, is used in the making of WHITE LABELS. An embossed seal identifies this "best-buy" disc. They are packed with separate envelopes in the sturdy Presto Pak carton.

510A	.040	10	1.10
511A	.050	11 ⁷ / ₈	2.00
516A	.050	16	3.70

Packed 25 per carton

ORANGE LABEL

ORANGE LABEL—the same quality lacquer used in the finest Presto discs is also used for ORANGE LABELS. However a lighter gauge aluminum base is utilized. This combination provides excellent recording quality at reasonable cost. ORANGE LABELS are popular with schools, amateur recordists, and studios where cost is an important factor, but where quality cannot be sacrificed. Distinctive paper labels are attached. Records are in individual envelopes inside the strong shipping cartons. Also supplied BULK PACKED with no labels, separate envelopes. State "BULK PACK" if desired.

306A	.035	6 ¹ / ₂	.50
308A	.035	8	.75
310A	.035	10	1.05
311A	.040	11 ⁷ / ₈	1.55

Packed 50 per carton

PRESTO RECORDING STYLI

DURAL SHANK SAPPHIRE

DURAL SHANK SAPPHIRE cutting needles complement the high quality of Presto recording discs. Discriminating recordists have found them to make consistently quiet cuts with excellent polishing characteristics. Careful and skilled workmanship to rigid specifications plus individual testing is your assurance of quality. 87° included angle is standard, 70° is available on special order. Available with long shank for Presto 1-D recording head, or short shank for all other recorders. With care, sapphires can be used for many hours before resharpening is required.

Type Number	Size	Shank Length	List Each
603A	Standard	Short	\$8.25
603M	Micro	Short	8.25
604A	Standard	Long	8.25
604M	Micro	Long	8.25

RESHARPENING SAPPHIRE — DURAL SHANK

3.75

BRASS SHANK SAPPHIRE

BRASS SHANK SAPPHIRE cutting needles can be utilized where extended high frequency response is not required. They are popular with schools and home recordists. 87° included angle. Available for micro-groove on special order. Resharpening service available. Life expectancy similar to dural shank.

320A	Standard	Short	6.60
321A	Standard	Long	6.60

RESHARPENING SAPPHIRE — BRASS SHANK

3.25

STELLITE

STELLITE Needles produce a clean quiet cut, but are limited to a few hours of life. They are particularly suited to home or student applications where tip breakage of the more costly sapphires could be a problem. 87° included angle. Resharpening service available. Recording life limited to several hours.

330A	Standard	Short	2.50
331A	Standard	Long	2.50

RESHARPENING STELLITE

1.40

STEEL

STEEL cutting needles are produced with the same care as other Presto needles but because of the material used, do not have the extended range of long life of the more expensive types. The ruggedness of steel needles makes them ideal for beginners where cost is important. Cannot be resharpened. 15 to 30 minute life.

350A	Standard	Short	(pkg. of 3) 1.00
351A	Standard	Long	1.00
350B	Standard	Short	(12 pkgs.) 12.00
351B	Standard	Long	12.00

PLAYBACK NEEDLES

SAPPHIRE

SAPPHIRE playback needles are the finest obtainable for replaceable needle reproducers. Excellent fidelity and long wear are a result of extreme care in manufacture. Dural shank.

Type	Size	List Price
420A	Standard	1.25

TRANSCRIPTONE

TRANSCRIPTONE playback needles are made from an extremely hard steel alloy. These unbreakable needles are usable for several hours of playing time without excessive wear.

430A	Standard	1.00
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BOGEN-PRESTO CO.

"The Finest Recordings are made on
PRESTO DISCS"

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PROFESSIONAL TAPE AND DISC EQUIPMENT

2-SPEED DISC RECORDER... THE 66-H BY PRESTO

The 66-H is the simplest type of very high quality gear driven recording equipment. It is an ideal unit for broadcast station or recording studio, where quality must be maintained. The Presto dual motor direct gear drive gives 100% perfect program timing. The 1-D cutting head has flat response between 50 and 12,000 cycles per second, plus ample output to assure an excellent signal-to-noise ratio. Accessories such as pickups, equalizers, and microscopes can be added to the 66-H if desired. Engineers appreciate the 66-H design because of the minimum amount of maintenance needed and perfect speed regulation. Presto A93 (below) is recommended.

66-H Disc Recorder (33 $\frac{1}{3}$ and 45 R.P.M.)..... User Price, \$1930.50
 TA-6 78 R.P.M. Adaptor User Price, 214.50

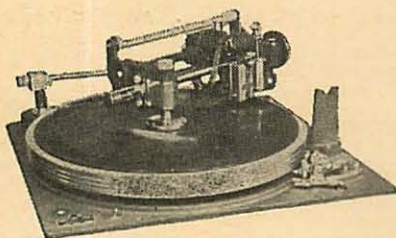


64-B Transcription Turntable
 User Price \$1023.00
 TA-5 78 R.P.M. Adaptor
 User Price, \$214.50

64-B TRANSCRIPTION TURNTABLE

The Presto 64-B transcription turntable is designed especially for broadcast station transcription and record reproduction. Its drive mechanism is unique in that it is directly gear driven at both 33 $\frac{1}{3}$ and 45 rpm. A separate motor is employed for each speed and there is no mechanical speed shift whatsoever. This type of construction produces a mechanism which always operates at the correct speed and requires no adjustment of any sort. The mechanical construction is very rugged, insuring unusually long life under continuous operation.

6-N 3-SPEED DISC RECORDER

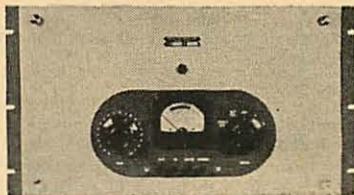


The Presto 6-N recorder is the ideal unit for high quality work under all conditions calling for either a portable or a stationary recorder. Broadcasting stations for a decade have found the 6-N to be an ideal and economical mechanism for master work, delayed programs, and local program recording. Standard equipment includes spiraling feedscrew, vertical damper, time scale and lateral reproducer arm. For portable use the 6-N is unusually sturdy. The entire overhead mechanism can be dismounted and secured in a special compartment in the side of the carrying case. **Mechanical Noise:** 40 db below average program level. **Feedscrew Pitches available:** 96, 112, 120, 136, also 224 microgroove (specify which). **Speed Regulation:** Overall 0.5%, instantaneous 0.25%. **Power Requirements:** 115 volts, 60 cycle—0.6 amp. (50 cycles available). **Dimensions:** In carrying case, 20 $\frac{1}{4}$ " x 20" x 15". **Weight:** in carrying case, 82 lbs.

6N-S Disc Recorder Chassis (1 standard feedscrew).....\$1245.00
 6N-M Disc Recorder Chassis (1 microgroove feedscrew).....\$1245.00
 6N-SM Disc Recorder (1 each microgroove and standard feedscrews).....\$1321.50
 Carrying Case\$ 75.00

1D Cutting Head. The Industry Standard. Frequency Response: 50-12,000 cps; Impedances: 500 or 15 ohms (specify which). Includes crossover network. 1D Cutting Head.....\$269.00


A-93 DISC RECORDING AMPLIFIER



The Presto A-93 is a power amplifier primarily intended for disc recording purposes. **Input Impedance:** 50, 200, or 500 ohms, line; or 15,000 ohms, bridging. **Output Impedance:** 8, 15, 250, or 500 ohms. **Power Gain:** Line input, 83 db; bridging input, 68 db. **Signal-to-Noise Ratio:** Better than 55 db at normal record level. **Frequency Response:** \pm 1 db from 20 to 17,000 cps. **Tube Complement:** Two each 807 and 6SN7; one each 12AX7, 6U4G, and OA2. **Dimensions:** 10 $\frac{1}{2}$ " x 19" x 10 $\frac{1}{4}$ " deep. **Weights:** 72 lb. gross; 40 lb. net. **Power Input:** 115 volts, 50/60 cycle, 135 watts. **User Price**.....\$420.00

1. Pushbutton control provides choice of frequency response.
2. Provision for radius equalizer. Compensates for changing diameter of disc.
3. Rated output of 30 watts assures ample reserve for recording.
4. Harmonic distortion is less than 0.3%, intermodulation distortion less than 1%, at normal recording levels.
5. Meter monitors recording level and checks output tube current.

PRESTO PROFESSIONAL EQUIPMENT

 **BOGEN-PRESTO CO.**

Since 1934, Presto has been the world's foremost name in sound recording equipment and blank discs. Among the professional users of these products the world over will be found more Presto sound equipment than any other make.

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PROFESSIONAL TAPE
AND DISC EQUIPMENTNEW 3-Track
Tape Recorder

Now, just one machine to do ALL your recording. The Presto 850 is the one tape recorder that will be the workhorse of your studio, for it can do everything any other tape recorder can do... and then some! A minute of your time and it's changed from a half inch machine to a quarter inch machine, or from a quarter inch to a half inch machine. The 850 professional is certainly your best buy... best in performance, most economical (one does everything). Its three fabulous Presto A903 amplifiers are stacked on a single easy-to-work-at console... you can see them, and operate them with ease. The use-proved design of the 850 is based on the success of the 800... your assurance of top performance. Available in rack, portable or console models. For further information, see your Presto representative or write Bogen-Presto, Paramus, N. J.

800 SERIES PROFESSIONAL
FOR MONOPHONIC OR STEREO USE

The 800's flexible control panel allows absolute control of tape handling. Five color-coded illuminated push buttons provide interlocked relay control of the five basic modes—Record, Play, Stop, Rewind and Fast Forward. A unique interlock protects the Record circuit from accidental operation without the need for mechanical covers or physical separation... safe tape handling with optimum speed is assured.

Three "fast" speeds are push-button selected. Separate tape reel-size switches provide correct tape tension even when small and large reel sizes are mixed. Capstan motor switch allows machine to remain in "standby" with capstan motor off... and you get slow starts when you want them. Operator error is virtually eliminated, thanks to the unique 800 feature that automatically switches recording equalization when tape speed is changed. Cue push buttons switch recording equalization when tape speed is changed. Cue push button allows hand winding and cueing of tape without having to fight brakes. Low torque motor AC voltage eliminates tape spillage. Exclusive Edit micro-switch permits easy one-hand runoff of tape during editing and assembly of master tapes. Remote control unit plugs in for control of five basic modes.

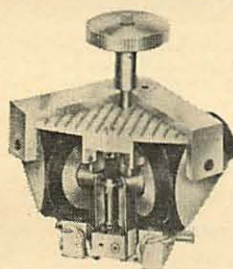
Tape Used: $\frac{1}{4}$ " width ($\frac{1}{8}$ " on model 850). Tape Speed: $7\frac{1}{2}$ and 15 ips or $3\frac{3}{4}$ and $7\frac{1}{2}$ ips; or 15 and 30 ips (equalization automatically switched with speed change). Speed Accuracy: ± 3 sec per 30 minutes. Rewind or Fast Forward Time (at max. speed): $7"$ dia. reel: Approximately 30 seconds. $10\frac{1}{2}"$ dia. reel: Approximately 1 minute. Starting Time: Instantaneous. (Less than .1 second from stop to full speed). Stopping Time: At 15 ips, less than 2 inches of tape travel after depressing stop button. Flutter: At 15 ips—well below .10%. At $7\frac{1}{2}$ ips—well below .15%. Frequency Response: At 15 ips— ± 2 db, 30 to 20,000 cps. At $7\frac{1}{2}$ ips— ± 2 db, 40 to 12,000 cps (on Model 850—at 15 ips— ± 2 db, 40 to 15,000 cps. At $7\frac{1}{2}$ ips— ± 2 db, 40 to 10,000 cps). Signal-to-Noise Ratio: 60 db at 2% distortion. (Model 850-55db at 2% distortion.) Adjacent channel Crosstalk: 50 db at 2% distortion. Playback Amplifier Distortion: Less than 1% (harmonic) at +20 dbm from 25 to 20,000 cps. Power Requirements: Transport—117 VAC, 60 cycles, 260 watts. Power Supply and Amplifier: 60 watts. Export: 220-240 VAC; 50 cycles.



PB-17C TAPE REPRODUCER

The Presto PB-17C unit is a dual-track, reversing magnetic tape reproducer designed for use by wired music services, industrial plants, and other organizations where a constant source of background music is desired. This unit provides automatic, continuous repetition of previously taped program material at a tape speed of $3\frac{3}{4}$ " per second ($7\frac{1}{2}$ ips optional) with a frequency response of 50 to 7500 cycles per second. The PB-17C uses a 14" diameter reel with a total playback time of eight hours. The PB-17C may be furnished for vertical rack mounting or supplied for vertical operation in CC-7 console cabinet. The mechanism is designed for use with the Presto A-909 preamplifier (shown in console).

PB-17C Tape Reproducer (chassis only)	User Price, \$785.50
A-909 Preamplifier	User Price, 132.00
CC-7 Console	User Price 201.25



NEW! S1 STEREO DISC CUTTING HEAD

Licensed by Westrex, the S1 is a system of extraordinary stability. It is absolutely stable from 30 to 20,000 cycles, giving a totally useful band width without peaks or dips. An entirely new Presto designed feedback coupling technique permits recording at previously unobtainable levels. Distortion is virtually unmeasurable. A unique suspension system provides superior cross-talk characteristics.

Presto's "Studio Oriented" design permits quick change of stylus (10 minutes or less)... no jig or fixture is required for alignment, no takedown is necessary when a stylus needs replacing—the head need not be removed from the feed mechanism.

The S1 fits all Presto disc recording lathes and all other professional lathes as well... mounting kits are available where necessary.

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