

Mark V vari-speed



RUSSCO
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*Professional Broadcast
Turntables*

RUSSCO turntables are quality engineering

★ **Mark V vari-speed turntables**

Now, modern RUSSCO technology leaps into the future with the Mark V, the turntable for the rest of the century! Here's rim-drive that starts the platter so Quick you'll think you're using a cart machine! So Quiet you'll look twice to see if it's turning. Simple to operate and extremely cost efficient because it was designed by broadcast engineers. Speeds are variable plus or minus 10% with easy LED readout. RUSSCO refinements add so much, like having the 45 adapter built right into the platter, or how about remote start and stop and convenient replaceable tone arm plates? With the low profile design and antique silver no-mar finish your studio will look as good as it performs.

Choose from one of 3 Mark V models to fit your requirements...or surpass them!



• **MARK V BROADCAST/DELUXE**

Features a LED tachometer that will show actual RPM speed as adjusted. Speed adjustment is made by screwdriver which safeguards tampering.

• **MARK V BROADCAST/STANDARD**

This model may be screwdriver adjusted plus or minus in speed even though the LED readout is fixed and will indicate either 33.3 or 45 RPM only.

• **MARK V DISCO/PRODUCTION**

The ultimate in easy speed adjustment by front panel knobs. Bright LED tachometer shows actual speed RPM.

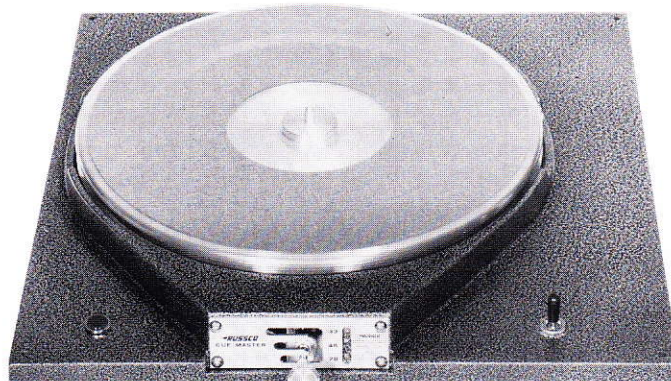
specifications

- Drive Systems:** _____ Belt isolated capstan Rim Drive type.
- Motor:** _____ Brushless DC servo (using Hall Effect commutation). Motor bearings: Replaceable self-aligning Oilite bushings. Motor circuitry: Fully transistorized self-protected servo amplifier. Motor speed: 33 - 1235 RPM, 45 - 1694 RPM.
- Platter:** _____ Precision machined cast aluminum, with built-in 45 adapter. 12 in. in diameter. Weight: 6½ lbs.
- Capstan:** _____ Capstan speed: 33 - 297 RPM, 45 - 412 RPM. Diameter 1.2 inches.
- Speed Ranges:** _____ Approximately 10 to 62 RPM. 2 switchable speed positions (factory set at 33 & 45 RPM). Pitch controls: Approximately $\pm 10\%$ speed variations, separate control for each speed position. Speed indication: High brightness LED digital readout.
- Starting:** _____ Distance: 33 RPM-1/36 rev. (10°), 1" in 12" record lead-in groove. 45 RPM-1/25 rev. (14°), 1.4" in 7" record lead-in groove. Time: 33 RPM-26 milliseconds, 45 RPM-38 milliseconds. Starting torque: 2.0 ft.-lbs. (24in.-lbs.).
- Rumble:** _____ - 45 dB (Din A), - 68 dB (Din B), - 63dB mono (RRLL), - 57dB stereo (RRLL).
- Wow & Flutter:** _____ .075% RMS or better (unweighted).
- Power:** _____ Requirements: 120-240 VAC., 50-60 Hz., 35 VA.
- Dimensions:** _____ Turntable base: 15½" x 15½", 2" above & 4" below mounting surface. Turntable weight: 20 lbs. (without tone arm), Shipping weight is 29 lbs. Power supply: 4" H x 5" W x 6" L. Power supply weight: 3 lbs.
- Special Features:** _____ Removable/replaceable tone arm plate. Remote start/stop control: Momentary pushbutton with 24 volt lamp (electrically debounced by control circuitry), switch lights up when on. The low-profile Mark V will fit exactly into the mounting holes used for other RUSSCO turntables and screws down snug.

engineered for top performance & dependability.

★ Studio-pro & Cue-master turntables

Whether you choose the Studio-pro for the ultimate in 2 speed performance or the Cue-master for 3 speeds, you'll be getting a value packed bargain. Russco has built turntables as tough as bulldozers that perform as gently and quietly as butterflies! Switch on either model and you'll delight in the "Velvet Touch" drive system and super-soft suspension mounts. These are turntables that cut maintenance down to a minimum with heavy-duty bronze bearings and motors and only 3 rotating parts. Russco experienced broadcast engineers who are aware of all your requirements have designed these professional instruments that Work!



specifications:

studio-pro:

Weight of entire unit..... 20 pounds
Weight of platter..... 6½ pounds
Chassis dimensions..... 15½ by 15½ inches
Depth requirement below chassis..... 7½ inches

- Unit is powered by a heavy duty step-shaft motor (also available for 50 cycle operation).
- Drive system is by a neoprene idler wheel transmitting power direct from the stepped capstan on the motor shaft to the inside platter rim.
- 2 Speeds—45 & 33 RPM's.
- Oilite bearings are used throughout for extra long service life.
- Detachable tone arm mounting plate adaptable to any 12" tone arm.
- Acceleration, extremely fast, average results, 1/16 revolution of platter at 33 RPM's, 1/10 revolution at 45 RPM's.
- Wow and flutter—less than 2/10 of 1%.
- Rumble (both vertical and lateral) minus 38 DB down from standard NAB level assures the finest sound reproduction.
- Standard color is blue-grey with maroon felt platter cover. Deluxe Mark V finish available at no extra charge.

cue-master:

Weight of entire unit..... 16 pounds
Weight of platter..... 5½ pounds
Chassis dimensions..... 15½ by 15½ inches
Depth requirements below chassis..... 6½ inches

- The unit is powered by a heavy duty step-shaft synchronous motor. (Also available for 50 cycle operation.)
- Drive system is by a neoprene idler wheel transmitting power direct from the stepped capstan on the motor shaft to the inside platter rim
- Three speeds—33, 45, 78RPM's.
- Acceleration is extremely fast, average results are 1/16 revolution of platter at 33 RPM's...1/10 revolution at 45...½ revolution at 78.
- Oilite bronze bearings throughout for longer maintenance free service.
- Chassis adaptable to any 12" tone Arm.
- Wow and flutter, less than 3/10 of 1%.
- Rumble (both vertical and lateral) minus 36 DB down from standard NAB level.
- Standard color is blue-grey with maroon felt platter cover. Deluxe Mark V finish available at no extra charge.

•Unconditionally Guaranteed•

Russco turntables are Unconditionally guaranteed For Life against any defects in materials or manufacturing. This guarantee does not cover abnormal abuse or lack of maintenance. A Warranty applies for the period of 1 Year on the motor, idler wheel and shock mounts.



Studio-pro custom



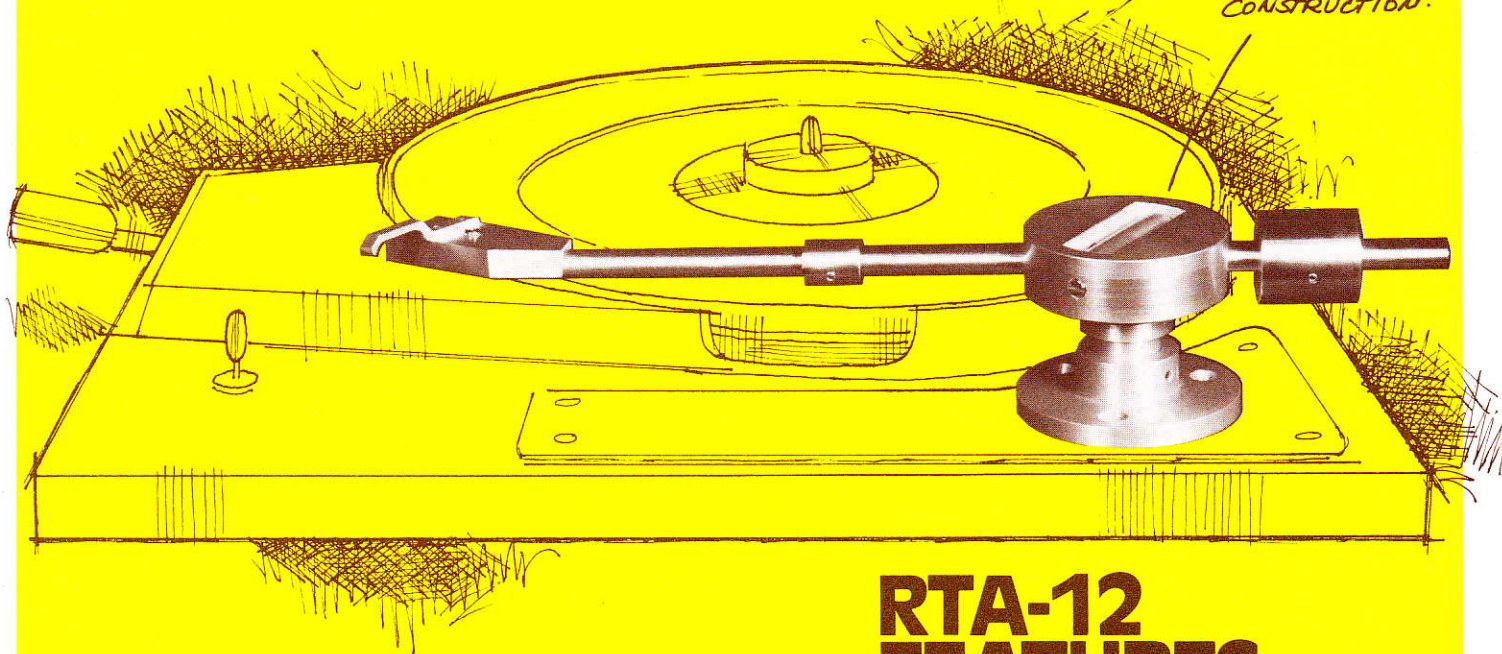
Cue-master model

RUSSCO

RUSSCO ELECTRONICS INCORPORATED • 5690 E. SHIELDS AVE., FRESNO, CALIF. 93727
TELEPHONE (209) 291-5591

RUSSCO TONE ARM

RUGGED BRASS
& ALUMINUM
ALL-METAL
CONSTRUCTION.



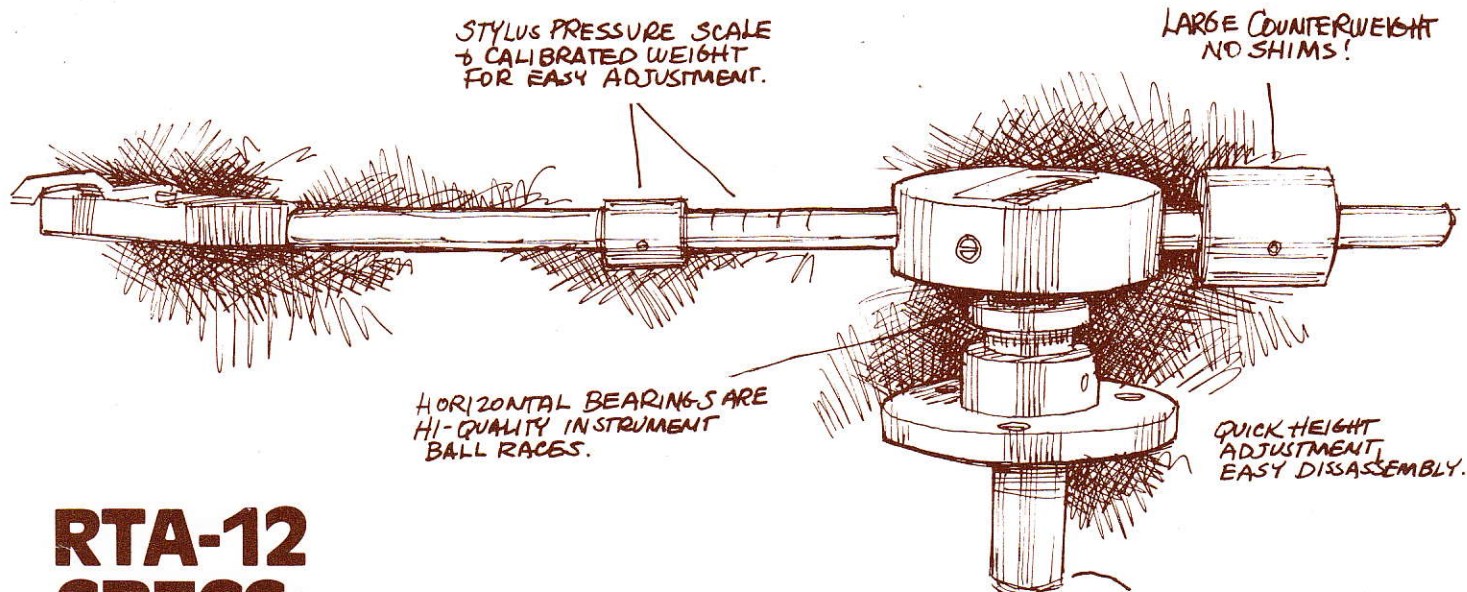
RTA-12 FEATURES

A tone arm like this comes only from people who take real pride in craftsmanship. Russco has designed the polished aluminum and chromed brass RTA-12 to stand above all the competition. Here's a tone-arm for the professional that literally floats on slick moving instrument ball bearing races and widely spaced jeweled pivots. Stylus pressure is adjusted so easily with accurate calibrated weights. You needn't worry about accidental scratches or damage to the stylus with the extra wide tone arm rest. But don't be fooled by the RTA-12's precise delicacy of movement. This is a tone arm built to last a lifetime of use. Every part that fails in the usual home entertainment tone arm has either been designed out or strengthened beyond normal specifications. For instance, the head shell is permanently an integral part of the arm to insure positive connection. Yes, it's Russco Rugged, a perfect companion to the fabulous Russco turntables. There's simply no comparison for quality!

RUSSCO
electronics inc.



DESIGNED BY BROADCAST
ENGINEERS FOR
THE PROFESSIONALS!



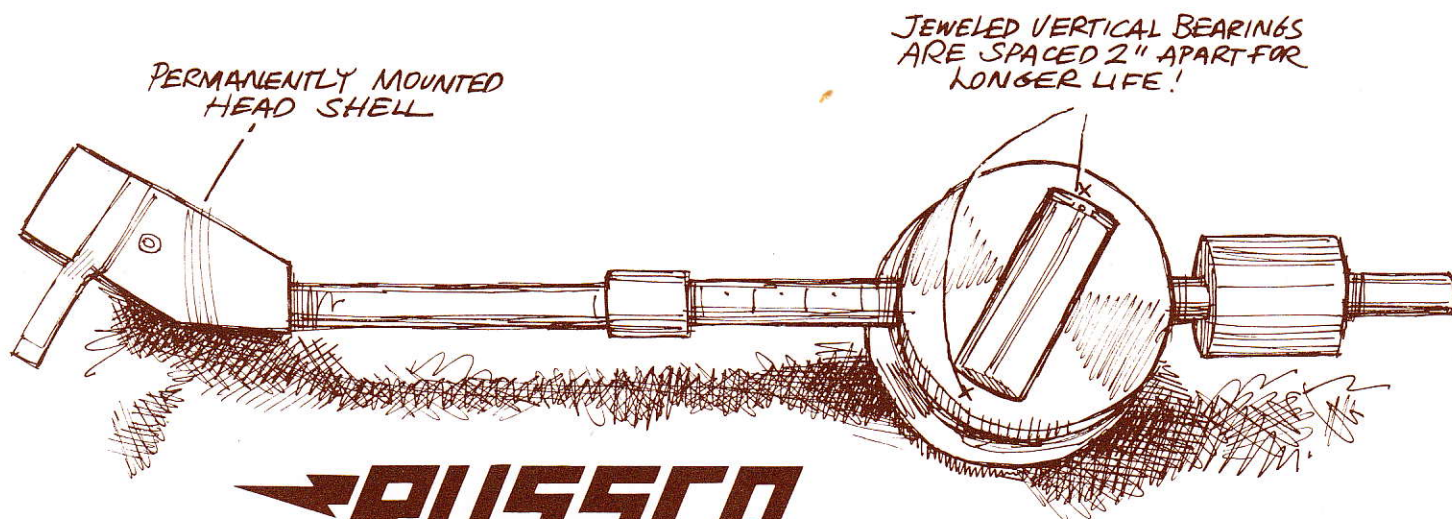
RTA-12 SPECS:

- Rugged Aluminum and Chromed Brass construction
- Length: 13" (330mm)
- 5 grams maximum tracking force
- 1 gram minimum tracking force
- Less than 2 degrees tracking error
- Range of Height Adjustment is 1.8" (45.72mm)
- Mounting flange diameter: 2.75" (70mm)
- Mounting hole diameter: 7/8" (22.22mm)
- Distance from arm pivot point to turntable spindle: 8.31" (211mm)
- 4" (101.6mm) overhang from pivot to rear
- Cable Capacity: 135pF
- Shipping weight: 3 lbs. (1.36 kilograms)

THE BASE PLATE RETROFITS
IN SAME HOLES AS SHURE
M232 OR MICRO-TRAK 303

CABLE IS 5 FT. LONG,
CABLE ENDS ARE
RCA PHONO PLUGS.

PLUG-IN CABLE
FOR EASY
INSTALLATION.



RUSSCO
electronics inc.

5690 E. Shields Ave., Fresno, Calif. 93727 • Phone (209) 291-5591

PRICES EFFECTIVE JANUARY 10, 1981

<u>MODEL OR ITEM</u>	<u>DESCRIPTION</u>	<u>PRICES</u>
<u>AUDIO MIXING CONSOLES</u>		
MODEL 505	DESK TYPE 5 CHANNEL UNIT. INCLUDED 25 WATT----- <u>BUILT IN MONITOR AMP</u>	\$1,102.00
MODEL 505-R	RACK MOUNT MODEL - SAME AS ABOVE BUT NO TOP COVER-----	\$1,062.00
MODEL 505-S	DESK TOP STEREO UNIT. NO MONITOR AMP IS INCLUDED-----	\$1,580.00
MODEL 505-SR	SAME AS ABOVE - NO TOP COVER - WILL FIT IN RACK-----	\$1,540.00
NOTE: ANY STEREO POWER AMP MAY BE USED WITH THE 505 STEREO CONSOLE AS A MONITOR AMP, BUT THE MODEL 225 LISTED ON REVERSE SIDE OF THIS PAGE WAS ESPECIALLY DESIGNED FOR THIS PURPOSE.		

BROADCAST MINI MIXER

MODEL 421	FOUR CHANNEL MIXER. TWO phono channels, One Mike----- and One High Level	\$ 650.00
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AUDIO DISTRIBUTION AMPLIFIERS
(RUSSCO MULTI-MATE SERIES)

MODEL 2418	(MONO) 2 IN 8 OUT or 1 IN 8 OUT-----	\$ 255.00
MODEL 4428	(STEREO) 4 IN 16 OUT or 1 IN 16 OUT or 2 IN 16 OUT-----	\$ 387.00
RACK MOUNT KIT FOR ABOVE-----		\$ 16.00

A.L.C. SPEAKERS

Manufactured BY AUERNHEIMER LABS

MODEL 10302	THE ANNOUNCER-----	\$ 54.00
	2 or more-----	\$ 51.30
MODEL 20306	THE MONITOR-----	\$ 118.00
	2 or more-----	\$ 112.10
MODEL 20106	THE MONITOR II-----	\$ 102.00
	2 or more-----	\$ 96.90
MODEL 21314	THE STUDIO-----	\$ 153.00
	2 or more-----	\$ 145.35
MODEL 32114	THE STUDIO III-----	\$ 175.00
	2 or more-----	\$ 166.25
MODEL 32322*	THE AUDITION-----	\$ 330.00
	2 or more-----	\$ 313.50
MODEL 40120	SC-4-----	\$ 225.00
	2 or more-----	\$ 213.75
MODEL 40704	SC-54-----	\$ 155.00
	2 or more-----	\$ 147.25
MODEL 80135*	SC-8-----	\$ 382.00
	2 or more-----	\$ 362.90
MODEL 80314	THE STUDIO 8-B-----	\$ 230.00
	2 or more-----	\$ 218.50
MODEL 80708*	SC-58-----	\$ 245.00
	2 or more-----	\$ 232.75

* CANNOT BE SHIPPED BY UPS DUE TO SIZE LIMITATION



5690 EAST SHIELDS AVENUE
FRESNO, CALIFORNIA 93727
TELEPHONE (209) 291 - 5591

PRICES EFFECTIVE JANUARY 10, 1981

MODEL OR ITEM	DESCRIPTION OF PRODUCT	PRICES
<u>TURNTABLES</u>		
CUE MASTER	3 SPEED RIM DRIVE/WITH SYNC. MOTOR-----	\$ 376.00
STUDIO PRO	2 SPEED DELUXE RIM DRIVE TABLE/WITH SYNC.----- MOTOR, TONE ARM PLATE AND SPEED IND. LIGHTS	\$ 423.00
MARK V	BROADCAST STANDARD WITH FIXED DIGITAL READOUT-----	\$ 590.00
MARK V	BROADCAST DELUXE/WITH DIGITAL COUNTER SPEED READOUT-----	\$ 680.00
MARK V	DISCO/PRODUCTION/WITH DIGITAL COUNTER SPEED READOUT----- & KNOBS FOR SPEED ADJUSTMENT	\$ 680.00
	HOLE DRILLING IN TURNTABLES FOR TONE ARMS-----	\$ 6.00

<u>TONE ARMS</u>		
SHURE M-232	12 INCH TONE ARM - PLASTIC AND ALUMINUM CONSTRUCTION-----	\$ 55.00
REK-O-KUT	12 INCH TONE ARM - ALUMINUM CONSTRUCTION-----	\$ 110.00
MICRO TRAK 303	12 INCH TONE ARM - WOOD AND ALUMINUM CONSTRUCTION-----	\$ 106.50

<u>PHONO CARTRIDGES</u>		
STANTON 500-AL	CARTRIDGE ESPECIALLY DESIGNED FOR BROADCAST USE-----	\$ 32.00
SHURE M-44-7	GENERAL PURPOSE SHURE CARTRIDGE-----	\$ 35.00
SHURE SC-35-C	CARTRIDGE ESPECIALLY DESIGNED FOR BROADCAST-----	\$ 31.00

<u>REPLACEMENT PHONO STYLI</u>		
D-5107-AL	FOR STANTON 500-AL CARTRIDGES-----	\$ 12.00
N-44-7	FOR SHURE M-44-7 CARTRIDGE-----	\$ 12.00
SS-35-C	FOR SHURE SC-35-C CARTRIDGE-----	\$ 9.50

<u>TONE ARM HEAD SHELLS</u>		
SHURE A-23-H	REPLACEMENT HEAD SHELL FOR SHURE M-232 TONE ARM-----	\$ 8.50
MICRO-TRAK	HEAD SHELL FOR MICRO-TRAK 303 TONE ARM-----	\$ 19.00
REK-O-KUT	HEAD SHELL REPLACEMENT FOR MODEL S-320 TONE ARM-----	\$ 23.00

<u>PHONO PREAMPS</u>		
New Phono Mate Series. Requires Separate Power Supply. One Power Supply Will Serve up to 4 Preamps.		
MODEL 1-U	MONO PREAMP--UNBALANCED OUTPUT 600 Ohm output Imp.-----	\$ 90.00
MODEL 1-B	MONO PREAMP BALANCED OUTPUT 600 Ohm output Imp.-----	\$ 102.00
MODEL 2-U	STEREO PREAMP UNBALANCED OUT. 600 Ohm output Imp.-----	\$ 140.00
MODEL 2-B	STEREO PREAMP BALANCED OUTPUT 600 Ohm output Imp.-----	\$ 160.00
PHONO MATE POWER SUPPLY		\$ 50.00

Fidelity Master and Fidelity Pro Series--All are Self Powered		
MODEL FMMU	FIDELITY MASTER-MONO OUTPUT UNBALANCED 600 Ohms.-----	\$ 130.00
MODEL FMMS	FIDELITY MASTER-MONO OUTPUT BALANCED 600 Ohms.-----	\$ 155.00
MODEL FMSU	FIDELITY MASTER-STEREO OUTPUT UNBALANCED 600 Ohms.-----	\$ 199.00
MODEL FMSS	FIDELITY MASTER-STEREO OUTPUT BALANCED 600 Ohms.-----	\$ 248.00
MODEL FPMU	FIDELITY PRO MONO OUTPUT UNBALANCED 600 Ohms.-----	\$ 145.00
MODEL FPMS	FIDELITY PRO MONO OUTPUT BALANCED 600 Ohms.-----	\$ 173.00
MODEL FPSU	FIDELITY PRO STEREO OUTPUT UNBALANCED 600 Ohms.-----	\$ 216.00
MODEL FPSB	FIDELITY PRO STEREO OUTPUT BALANCED 600 Ohms.-----	\$ 260.00

<u>AUDIO POWER AMPLIFIERS</u>		
MODEL MM-260	RACK MOUNT AMPLIFIER -- TWO 60 WATT AMPLIFIERS ON----- SAME CHASSIS	\$ 415.00
MODEL MA-225	CHASSIS TYPE AMPLIFIER. PERFORATED METAL COVER----- TWO 25 WATT AMPLIFIERS ON SAME CHASSIS.	\$ 199.00

MISCELLANEOUS
SHOP LABOR CHARGES FOR ITEMS REPAIRED WILL BE AT RATE OF \$30.00 PER HOUR

SEE REVERSE SIDE FOR ADDITIONAL PRICE LISTINGS