

# Now...single and multi-play **belt-drive** turntables. Truly superb performance at affordable prices.

## Ultra-quiet operation.

For years most of the expensive manual record playing devices have used belt-drive as a smooth, trouble-free...and most important...silent method for transmission of power. Now, BSR engineers have integrated a highly refined belt-drive system into more affordably priced turntables with a combination of features and performance not yet available in even the most expensive competitive models.

In all the belt-drive models the motor and drive system, the platter, the tone arm system and the automated functions combine to yield the best possible results in terms of hard specifications (rumble, wow and flutter, etc.), ease of use and reliability. The belt itself deserves description. It is no ordinary piece of rubber, but a special elastomer with the proper grind for rumble suppression and precise power transmission. It effectively isolates the platter and cartridge from any possible motor vibration.

## The power center.

A quiet, very high torque multi-pole synchronous motor accurately drives the precision machined and dynamically balanced platter. The motor is powerful enough to bring the heavy platter to full speed almost instantly. And once in motion it maintains constant speed regardless of load or fluctuations in line voltage. The motor is further prevented from transmitting rumble by a unique resonance tuned motor mount. Even the cam gear, fabricated of self-lubricating Delrin, contributes to the incredibly quiet operation.

## The tone arm system.

The belt-drive models have lightweight aluminum tone arms fully counter-balanced by a specially designed, shock mounted counterweight. The mass is elastically decoupled from the arm, causing a beneficial spread in the normal resonance peak and a significant reduction in its intensity—thereby flattening frequency response and further eliminating spurious noises such as acoustic feedback or "motorboating." Tracking force is accurately adjustable from 0-4 grams and a dual range anti-skate control insures proper groove tracing by compensating for the natural inward force of the tone arm. It is calibrated and simply set for either elliptical or spherical styli.

Convenient front-mounted slide controls regulate speed, record size and automated operation. The viscous-damped cue and pause control lowers the tone arm more gently and accurately than by hand. No need to fear for the safety of that delicate stylus or your favorite records. To further protect your discs, the single play spindle even rotates with the platter, preventing wear of the center hole.

Three models are Total Turntables, handsomely set on simulated walnut grained, wood products bases with hinged and tinted dust covers and covered accessory compartments. Superior quality ADC induced magnet cartridges with elliptical diamond styli are factory mounted and aligned.



## 100 BAX—Automatic belt-drive turntable.

Like the 200 BAX, the 100 BAX changes up to six records with its locking three-point umbrella spindle. Rotating single-play and continuous play spindles are also supplied. It uses a dynamically balanced non-ferrous platter assembly featuring an inner turntable casting laminated to a precision machined aluminum surface plate. The tone arm is low mass aluminum with a square cross-



## 200 BAX—Deluxe automatic belt-drive turntable.

The 200 BAX is the most refined model in this series. Full automatic capability is achieved with the use of a gentle yet sophisticated three-point umbrella spindle. Up to six records can be stacked, and the spindle locks to allow removal of the records without disengaging the spindle itself. Also included is a single-play rotating spindle and an infinite repeat stub for continuous play. The precision "S" shape tone arm geometrically optimizes longitudinal weight distribution and has an exceptionally low resonance which enhances the performance of the high compliance cartridge. The arm uses a gimbal mount, gyroscopically pivoted on pre-loaded ball-bearing races. The heavy platter is a non-ferrous die-casting, precision machined and dynamically balanced. The turntable mat is of specially treated rubber which suppresses static induced clicks and pops. A further refinement is the muting circuit which prevents extraneous sounds during the changing cycle.

Along with its simulated walnut grained, wood products base and hinged dustcover, this Total Turntable has factory mounted the critically acclaimed ADC VLM MK II induced magnet cartridge. The patented ADC induced magnet principle significantly lowers the stylus mass and produces a pickup that traces record grooves with the highest degree of accuracy. The deck-mounted stylus-wear elapsed time indicator measures by accumulated hours the amount of stylus use and helps determine when a replacement is needed.



## 20 BPX Automated single play belt-drive turntable.

For the audiophile who prefers a single-play device with its fewer parts and functions and resultant lower price. While giving up the record changing function, the 20 BPX retains these labor saving features: automatic arm-lift, arm set-down...and most important...arm return and shut-off.

The 20 BPX eliminates the common complaint with fully manual turntables, the need to get up after each record to return the arm to its rest and turn the machine off. The 20 BPX uses the previously described "S" shape tone arm. The platter assembly is the same as the 100 BAX. A superior ADC K6E cartridge is factory installed and the turntable is mounted in a simulated walnut