



PRODUCT OF TELEPRO INDUSTRIES INCORPORATED

WEATHERS

INSTRUCTIONS FOR TK-2215

SUPER "66"

33 $\frac{1}{3}$ RPM HIGH FIDELITY TURNTABLE

Please read these instructions carefully before operating your New Weathers Super "66" Turntable. Proper use will permit you to enjoy years of trouble free pleasure from this fine, precision instrument.

DESCRIPTION

The Weathers Synchronomatic Super "66" is a single speed 33 1/3 rpm turntable with the deluxe Weathers Integrated Tone Arm and LDM Stereo Cartridge.

The Weathers LDM pickup system is an integrated arm-and-cartridge combination for clean, natural reproduction of monophonic and stereophonic microgroove discs. The pickup cartridge embodies the same stylus-drive principle as is used in the famous Weathers Professional Stereo pickup system, to yield a stereo pickup of unprecedented compliance, range, smoothness, and freedom from destructive inertia. The tone arm is shaped from solid walnut for low torsional and sectional resonance, and the pivots are lightly viscous-damped to stabilize the arm and smooth out low-frequency resonances.

The turntable utilizes two synchronous timing motors with independent simultaneous direct drives to the inside rim of a lightly suspended precision-shaped aluminum platter. Both the turntable and its motor plate, which supports the tone arm, float on a unique new shock-suspension system that isolates the entire system from floor-borne shocks and acoustic feedback.

The unit comes to you completely assembled and ready to play and has been factory adjusted for optimum tracking and sensitivity.

IMPORTANT:

THERE IS A RED SCREW-HEAD AT THE BOTTOM OF THE TURNTABLE WHICH MUST BE COMPLETELY REMOVED BEFORE USING!

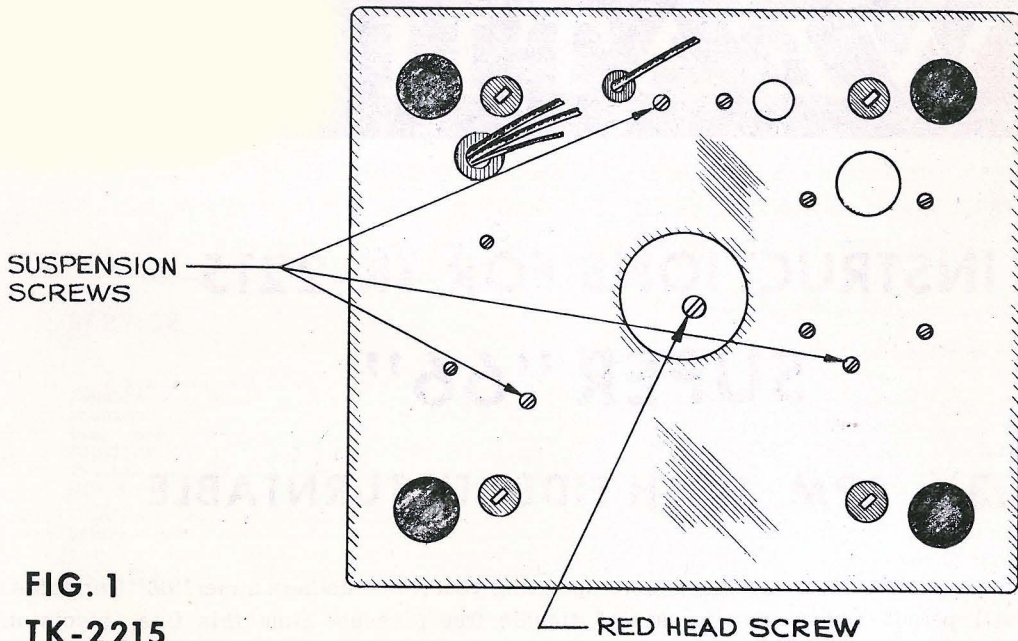


FIG. 1
TK-2215

SETTING UP

After you have removed the RED SCREW from the bottom plate and also removed the tape and rubber band holding the arm, place your turntable in the location where you plan to use it. With the Red hold-down screw removed, the motor plate should be free, and floating on the Weathers 'seismic' suspension. Check to see that the top of the plate DOES NOT touch the lip of the Walnut trim skirt at any point.

If the plate DOES touch the trim skirt, lift the turntable to permit access to the bottom plate and with a screwdriver gently turn the leveling screw nearest the touching point in a clockwise direction. This will lower the motor plate on that side. (There are three leveling screws, see Fig. 1.)

At this point, lift the arm about two inches above the Discusion on the turntable and let it fall. The proper action is a slow, feather-lite movement taking about one full second before contact with the Discusion surface.

Having completed the above checks, we are ready for . . .

CONNECTION

Plug the turntable's AC plug into any AC outlet or into AC outlet on your amplifier or preamplifier. The turntable has its own AC power switch.

Connect the white output cable into the main system's (preamplifier) RIGHT channel and the black output cable into the LEFT channel. Make sure that white cables always connect to RIGHT receptacles (bearing in mind that "white is right"). Most preamplifiers have either MAG or PHONO inputs and both will provide the proper termination impedance for the Weathers LDM cartridge. Where there is a choice between low and high-level MAG or PHONO inputs, use the low level. Check your Instruction Book for your amplifier. If the PHONO input is described as a "ceramic" or HI-LEVEL DO NOT USE WITH A WEATHERS CARTRIDGE. If it is indicated as a LOW-LEVEL input or MAG (Magnetic) it is okay to use.

The blue wire (with spade lug attached) is connected to any convenient screw on the back of your preamplifier. ****IMPORTANT—** In some cases, this wire may not need to be connected. Its purpose is to eliminate hum, however, due to many variations by different manufacturers, connection will sometimes increase hum. Trial and error will be your guide.

Monophonic Operation — Unplug both equalization adapters, (at the end of the output cables) plug both output cables into a "Y" connector, plug the "Y" connector into one of the equalization adapters into the MAG or PHONO input on your preamplifier.

The pickup's stylus force is factory set at $1\frac{1}{2}$ grams, and should not require readjustment. Should adjustment be necessary, this is accomplished by rotating the countersunk screw at the rear of the tone arm. Unscrewing this increases the stylus force.

OPERATION

To start the turntable, depress the left-hand side of the fingertip rocker switch, at the front right-hand corner of the motor plate. To stop it, depress the other side of the rocker bar.

The pilot light on the left front of the turntable will go on only when the unit is in play. When the record has reached the end, the automatic cutoff will turn off the turntable and stop the motors. By returning the arm to the beginning of the record, you will automatically turn the mechanism on again. Should you wish to leave the turntable off, depress the rocker switch to the right.

Because of the dual-motor drive, the "66" turntable will come up to full speed from a standing start in less than half a revolution, facilitating the cuing of individual selections on discs. To cue a selection, play the disc slightly past the desired starting place, turn the motor off, and turn the platter backwards by hand until the beginning of the selection is reached. Then turn it an additional half revolution. Gently depressing the left-hand side of the switch rocker will bring the selection in at full pitch.

MAINTENANCE

The drive motors in the Synchronatic 66 turntable are equipped with lifetime-lubricated oilite bearings, and will not normally require attention. The platter spindle should be lightly lubricated once a year with Weathers P-688 lubricant. Do NOT use any other lubricant.

IMPORTANT

The precision-machined bearing system of this turntable is largely responsible for its high performance capabilities, so the following precautions should be observed when installing and servicing the unit:

If the platter is removed, or if lifted slightly on its bearing, air will become trapped beneath the bearing pin, causing erratic motion of the platter. To force out any air pockets that may have developed in unpacking the unit, press downward on the platter spindle and then let the unit run for a few minutes before putting it into service.

If the platter must be removed, make sure its bearing pin does not come into contact with anything that could transfer dust to it. If this pin becomes contaminated, it must be thoroughly cleaned with a lint-free cloth and then relubricated with special Weathers turntable lubricant before replacing the platter.

SERVICE

If you have any additional questions about your Weathers equipment, or if any persistent troubles are encountered in its operation, contact the Weathers dealer from whom you purchased your equipment or write to the CUSTOMER SERVICE DEPARTMENT, WEATHERS, Tele-Pro Industries, Inc., Cherry Hill Industrial Center, Cherry Hill, N. J.

Always request a Return Authorization from the factory before sending any items back to the factory for repair or replacement. No items will be accepted for repair or replacement unless accompanied by a factory Return Authorization form.

WARRANTY POLICY

These Weathers high-fidelity components are guaranteed to be free of defects in materials and workmanship for a period of 1 year from the date of purchase.

The warranty is voided if the component shows evidence of unauthorized tampering or unreasonable abuse, or if the Warranty Record card is not returned to the factory within one week of the date of purchase.