SYNARE SENSOR

Thank you for buying a Synare SENSOR. The SENSOR is the latest attachment to your drum kit ---- expanding its sound potential to allow more creativity on your part, and making possible some of the popular electronic drum effects heard today.

A SENSOR can be attached to any drum ---- tom tom, bass drum, snare, timbale, etc. It senses the vibrations of your strike and triggers an electronic effect according to the setting of the controls. It DOES NOT mike the sound of the drum itself, but produces its own sounds when you hit your drum.

INSTALLING THE BATTERY

Remove the four screws on the back of the unit. Be careful as you remove the back so as not to pull off the wires that are connected to the jacks. Install one 9-volt battery in the holder provided and close the unit carefully. Your SENSOR will only work reliably with ALKALINE BATTERIES ---- Mallory #1604 or Eveready #522.

ATTACHING THE SENSOR

Your Synare SENSOR has fixed to its base a mounting bracket for attaching the unit to your drum. Simply place the groove of the bracket over the rim of the drum and tighten the finger-nut

firmly. The SENSOR should ideally be placed opposite you on the rim so that the controls are facing you, and the SENSOR is out of the way so as not to interfere with your playing. Care should always be taken to avoid hitting the unit itself.

CONNECTING TO AN AMP

The SENSOR can be connected to any amp or PA with a regular guitar cord. Attach it to the HI input of your amplifier whenever possible.

FUNCTIONS

Each of the knobs on the Synare SENSOR controls one particular effect of the unit. The function of each knob is described here for you.

TUNE: The TUNE knob controls the pitch of the unit. Rotating the pot from left to right raises the pitch. The tuning range of the SENSOR is about six octaves.

MOD: The pot labled MOD is used to make vibratos or metalic like sounds when used with the FREQ pot. The MODULATION knob controls how much affect the sound will receive.

FREQ: The FREQUENCY knob controls the speed of the modulation applied by the MOD pot. When it's going slow (turned to the left) it makes a vibrato effect when the MOD knob is turned up. When it is running faster (turned to the right) it produces metalic like sounds

(ring modulation) useful for bell and chime like effects.

SWEEP: The SWEEP pot produces the famaliar 'falling pitch' effect. The further the knob is turned to the right, the higher the pitch starts to fall from.

DECAY: The DECAY pot controls two functions of the SENSOR. It controls how long the pitch lasts as well as how quickly the sweep occurs.

VOL: The VOLUME knob controls the final output volume of the SENSOR.

OFF-ON: This switch turns the SENSOR power off or on.

When a foot switch (optional) is being used, the OFF-ON switch still controls the power of the unit. (See the section titled OPTIONAL FOOT SWITCH.)

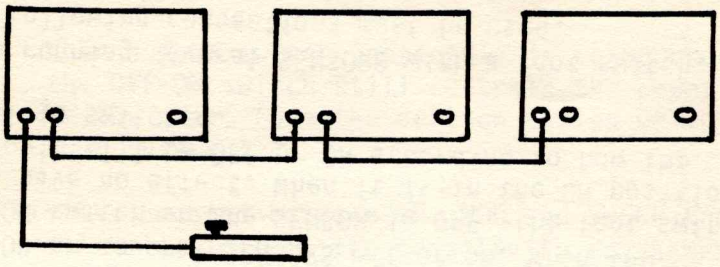
SENSITIVITY: Located between the MOD and SWEEP knobs is a small hole. This is the sensitivity adjustment. Using a small screw driver, insert the end through the hole and into the groove of the trim pot located inside. By turning the screw driver you may adjust the sensitivity of the SENSOR.

It works opposite of the rest of the pots on the unit. The further you turn it to the right, the less sensitive the unit becomes. The SENSOR can be adjusted so that it is extremely sensitive to your strikes, or so that it will only come on when a heavy accent or rim shot is played. Experimentation will find the best setting for your particular playing and use.

OPTIONAL FOOT SWITCH

With the optional foot switch you can turn your SENSOR or several SENSORS off or on. When the OFF-ON switch on the SENSOR is OFF, the foot switch will have no effect. When it is in the ON position, the unit will be OFF or ON according to how the pedal is switched.

When running several SENSORS with a foot switch, the following connections must be used.

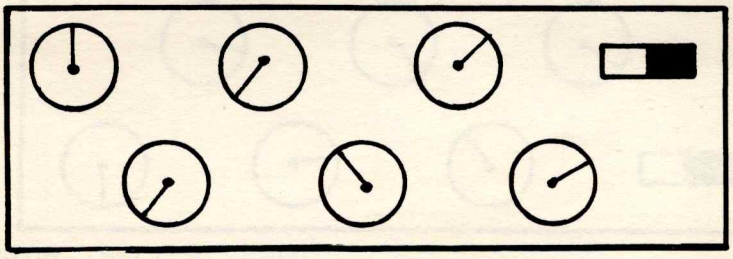


The foot switch must always be plugged into the jack on the left, as your looking at the unit directly from the rear. A patch cord (regular guitar cord) then runs from this unit into the left jack of the next and so on. The single foot switch will now control all of the SENSORS whose OFF-ON switch is in the ON position.

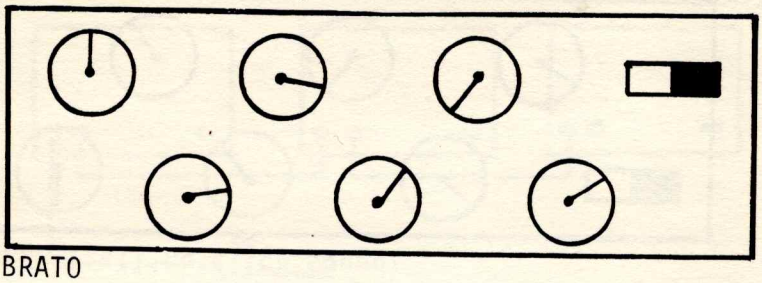
SOUND IDEAS

Owning any electronic device always involves experimentation on the part of the owner. The following are merely suggestions for possible sounds and effects. By varing these basic guidelines, you will find a warehouse of sounds are possible with the Synare SENSOR. GOOD LUCK!

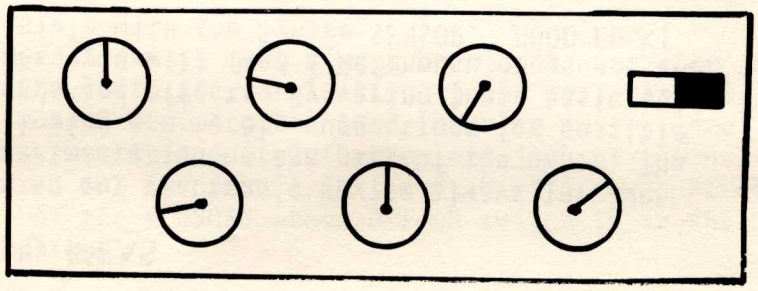
SWEEP (Falling pitch sound)



CHIME (Metalic sound)



VIBRATO



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