

Meazzi Factotum Operating Instructions

BASIC AND COMBINED EFFECTS

ECHO	a single repetition after 8/10 of a second
HALO	halo lasting 3/10 of a second
REVERB	reverberation: additional effect reached only when the Corresponding key-selector is pressed with others
REPEAT	a single repetition after 4/10 of a second
HALO + REPEAT	halo lasting 4/10 of a second
HALO + REVERB	cathedral like, or empty room effect
HALO + REVERB + REPEAT	extended cathedral like, or empty room effect
ECHO + REVERB	continued repetition every 8/10 of a second
REPEAT + REVERB	continued repetition every 4/10 of a second
ECHO + REPEAT + REVERB	extended cathedral like effect with repeated different echoes (grotty-effect)

ADDITIONAL EFFECTS

By pressing the HALO-key selector and by adjustment of the 4-position plug on the echo generator (the 4 positions are clearly Marked on the inner protection cover) in addition to the 3/10 second HALO, other four sound effects can be obtained which can be played back trough four magnetic heads generating a repetition effect whose distance from the original sound can be selected as follows

1/13 2/13 3/13 3/10 of a second

By combining the effects:

HALO-REPEAT

HALO-REVERB etc.

With any of the four positions of the plug-type selector, many other effects can be obtained: it is sufficient to pre-set the combinations available with the key-selectors and effect selector. Other adjustments are not needed, since the operation is fully automatic. Among the special effects reached through the effects selector knob, mention should be made of the double guitar voice or sound possible by plugging the HALO effect as mentioned above and bringing the effect selector to position 1 or 2 and the ECHO NORMAL knob halfway through.

Should the effects pre-set with the key-selector not correspond to those mentioned above, the effect selector fitted to the echo-generator should be controlled.

**ANY IRREGULAR SOUND OR EFFECT IS OBIATED BY
REPLACING THE TAPE AND BY CLEANING THE
MAGNETIC HEADS ACCURATLY**

CONTROLS

VOLUME A-B ECHO MIXER / EXT.MIXER	They control the sound volume of columns A and B respectively By adding an extra mixer Model CONCERTORAMA the FACTOTUM unit Can operate up to 10 microphones. If so, when the switch is turned to the left (ECHO MIXER) the signals coming from all the ten inputs are indiscriminately conveyed to both the speaker systems. Only the five signals, of course, from the five inputs of the FACTOTUM can be echoed. If the switch, instead, is turned to the right (EXT. MIXER), the signals coming from the five pre-set “echoed” inputs are conveyed to speaker system A, whereas those from the five extra input (not include in the echo effect) are conveyed to speaker system B. This is a true stereophonic effect. The switch in question affords the possibility of separating the “echoed” signals (or any “vibrated” signals) according to the actual requirements. In this instance the two speaker systems should be brought close to each other.
VIBRATO-MIXER	At the far end of the control panel two sockets are available; these sockets can be used indiscriminately for connection to: FOOT CONTROLLED “VIBRATO P41” PRE-AMPLIFYING SOUND MIXER CONCERTORAMA OTHER AMPIIFIERS
ECHO-NORMAL	The echo-generator motor is switched on by pulling its control-knob out (white light), The clockwise and counter clockwise of the knob controls the amount of echo (or of other effects) as compared with the original signal.
ON/OFF	On/Off lever switch (red light)
MICRO 1,2,3,4 and 5	Knobs 1-2,3,4-5 act, in their standard position, as volume control for the corresponding five microphone inputs. By pulling the knobs out (separately or jointly) not only the volume is controlled but also the effects pre-set earlier on the key-selector are activated.
REMOTE	Socket for plugging-in the remote-control system
TREBLE-BASE	TREBLE and BASE tone control knobs

MAGNETIC HEADS SHOULD BE CLEANED OFTEN TO ENSURE TOP PERFORMANCE AT ALL TIMES

RECOMMENDED MAIN SETTINGS FOR A PROMPT SATISFACTORY RESULT

After having properly ensured that the power supply available is suitable for the set, (back panel) the power supply chord should be plugged in the proper socket (first in the set socket and then in the main).
The output wires should be connected with output sockets A and B (back panel) and then with the respective sound columns. The set is turned ON by bringing the ON/OFF switch to the ON position. The microphones available should be plugged into the proper inputs (1,2,3,4,5).
The volume control of inputs 1,2,3,4 and 5 should be turned half way through and then the overall volume should be adjusted with controls A and B. At this time the FACTOTUM set is ready to operate as a standard amplifier. The required effect, chosen among those mentioned earlier, should be pre-set with the keys ECHO, HALO, REVERB, REPEAT.
The ECHO NORMAL knob should be turned half way through: in this way the original signal shall equal the intensity of the secondary signal coming from the echo-generator. The ECHO NORMAL knob, switching the echo-generator motor on, should be pulled out.
Knobs 1-2, 3 or 4-5, each corresponding to the different inputs, should be pulled out according to the signal which should be echoed. The three knobs can be pulled out at the same time: all the signals at the output therefore go to the echo-generator. When the required effects and the inputs which should be echoed thus are pre-set on the control panel, they can be switched on and off at will through the REMOTE control previously

plugged into the REMOTE control socket. When the echo effects are switched OFF with the remote control, the FACTOTUM set operates, as mentioned above, as a standard amplifier.

In accordance with the sound properties of the premises and the particular technical requirements, the treble and bass should be adjusted and volume and effects should be corrected, as necessary, with the above mentioned controls.

THE RED AND WHITE LIGHTS SHOW RESPECTIVELY WHEN THE AMPLIFYING SECTION OR THE ECHO GENERATING SECTION ARE ON IN THE FACTOTUM SET.

WARNING

Should it be necessary to replace the magnetic tape of the echo generator, make sure the new loop matches the length of the earlier loop, the two pins inside the front cover of the set should be used for this purpose. Splicing should be faultless, made with suitable adhesive tape.

The proper OXIDE MAGNETIC TAPE available on request at

TAPeloops@live.nl

should always be used.

The set is fitted with a new mirror-like type, highly efficient, magnetic heads; these magnetic heads should be cleaned often with an acetone soaked linen cloth.

Magnetic heads, in any case, should be cleaned every time the magnetic tape loop is replaced.

2 knobs, A(black) and B(white) are available inside the FACTOTUM set. A controls the reaction causing the reverberation; it should never exceed the striking limit (uninterrupted hissing when fully operated).

B controls the amount of direct sound between the microphones and the amplifier. When turned to the lowest point, it gives rise to a special effect whereby the direct sound is cancelled; the direct sound is heard only intermittently or from 1/13 to 8/10 of a second.