

Manual Tubedrive TD-2 Solo Boost – Mosfet Edition

Power requirements	9V battery 6F22/ DC adaptor 9...18V, DC stabilized
Current draw	7mA / 10mA
Input impedance	>500 KOhm
Output impedance	10 Kohm
Max. Input level	-6 dB
Max. Output level	Ca. + 6dB
Max. Gain Boost	Ca. +20dB
Controls	Drive, Boost, Tone, Level
Toggle Switch	Hard, Boost, Soft,
Jacks	Input, Output, DC in
Indicator	LED 3mm red– Drive On/Off LED 3mm green – Boost ON/OFF
Switch 3PDT	Effect On/ Off – Boost On/ Off
2 DIP-Switch	Drive modes
Dimension	Approx. 120 x 94 x 35 mm
Weight	Approx. 340g (without battery)



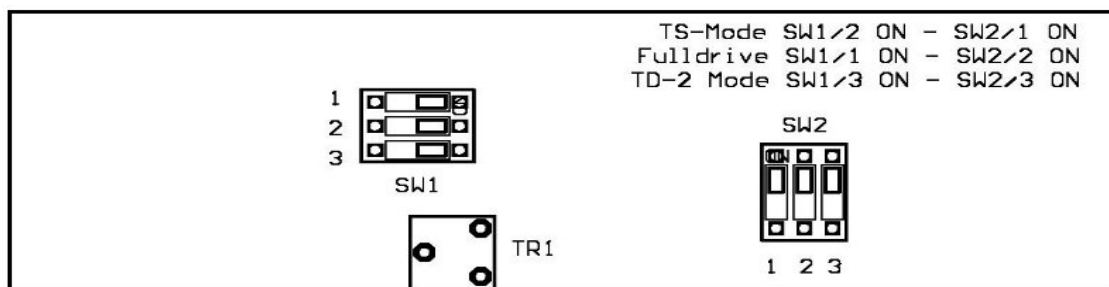
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Leaving technical changes

Operation:

- To the operation a battery must either be inserted into the battery receptacle (please unscrew equipment) to this or be a stabilized power supply unit attached to the 9 V DC jack (10).
- When plugging the instrument cable in to the input socket (8) the equipment is switched on.
- The output jack (9) gets connected to the intensifier or to following stock exchange securities equipments etc..
- The desired Sound is the corresponding needs adjusted with the controls drive (5), switch' hard, Boost & soft (12), tone (7) and level (11). With the toggle switch (12) you switch in the position's soft a classic Overdrive in the position's hard against this one Distortionsound. In the middle position the equipment works without as a Booster for any influence of the clipping diodes etc. for end for this reason is the volume of sound also according to higher. The four controls works in all three switch positions, though
- with the switch Boost on/off (2), you can switch a volumeboost. Drive switched on is also the Boostfunction without separately utilizable. The Booster works purely linearly with max. gain of 20 dB (10 subject) in this function. The Boost becomes the Overdrive post-connected in the drive business over the Boost switch. and shown by the green LED (4).
- Switch drive ON/OFF (1) the effect becomes one or with the switch Boost ON/offstage (2) becomes, turned off and shown about the LED (3), the distortion degree increased depending on need and shown by the LED (4) with this.
- The equipment is inside equipped with two DIP switches to the optimal adjustment and for different Sounds.
- To avoid damages to the equipment, the cable must be pulled from the input socket before changing the battery.
- In principle, we recommend the use of a stabilized power supply unit.
- Power supply specification:** See imprint on the case underside.

Adjustings of the DIP switches



- The DIP switch SW2 influences the resonant frequency of the Overdrives
- The DIP switch SW1 influence the sound regulation in connection with the one plate of TR1
- At delivery the DIP switches are in the position's TS-mode. In addition can fashion, also much counter be in the item ON or offstage contrary to this one in the above illustration represented. Interesting Sounds which one arise by try from this one should find out. A damage of the equipment cannot be made by this.
- With the one moving control TR1, furthermore there is the possibility to add still more heights at on the right stop of the tone control (7) in clockwise shifted. However, this adjusting is dependent on the position of the DIP switch SW1

Important information:

- Taking the battery out prefer, if, longer, the equipment isn't used, to avoid damages by battery acid run out.
- And always remembers after end of the use by accused of the cable at the input socket, that switch equipment off not unload uselessly around the battery.

Function:

- **Input jack (8):** When plugging the instrument cable in the equipment is switched on automatically.
- **9 V DC jack (10):** The socket for stabilized 9 V power supply units
- **Output jack (9):** The connection to the intensifier or to other stock exchange securities equipments
- **Drive control (5):** This pot adjusts the drive (gain) of the TD-2. It is Sounds for are La TS 808 possibly of the easy Crunch up to the Overdrive.
- **Boost control (6):** This pot change the level of the boost stage.
- **Switch hard, boost & soft (12):** With this switch you can change from Overdrive (soft) to distortion Sound (hard) i.e. the diodes are taken out of the feedback branch of the Overdrive and a Clippingbridge for the intercity post-connected. The Sound is hereby interesting for the metal freaks. The TD-2 works as a Booster in the middle position.
- **Tone control(7):** of these controls adjusts the quota of middles and height frequencies. The Sound brillianter becomes and firm, shifted in clock hand sense. The regulator contrary to became the TS 808/enlarges TS 09 on 10 K.
- **Level control (11):** The desired stock exchange securities volume adjusts
- **LED 1 red:** Show the status of the equipment. (DRIVE ON= LED red).
- **LED 2 green:** Boost on/off
- **3PDT switch on the left:** Turns the effect on or off
- **3PDT switch right:** activate the volume boost