



## **WARNING**

### **FOR YOUR PROTECTION, PLEASE READ THE FOLLOWING:**

**WATER AND MOISTURE:** Appliance should not be used near water (e.g. near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc). Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

**POWER SOURCES:** The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

**GROUNDING OR POLARIZATION:** Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

**POWER CORD PROTECTION:** Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

**SERVICING:** To reduce the risk of fire or electric shock, the user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

**FOR UNITS EQUIPPED WITH EXTERNALLY ACCESSIBLE FUSE RECEPTACLE:**  
Replace fuse with same type and rating only.

## **ELECTROMAGNETIC COMPATIBILITY**

### **Operation is subject to the following conditions:**

- this device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation.
- use only shielded interconnecting cables.
- operation of this unit within significant electromagnetic fields should be avoided.



# OPERATING THE AcousTEC

## ***PLUG IN, TURN ON, JAM OUT.***

### ***Selecting programs***

To select programs use either the footswitches (1), or the Up/down buttons (7). The first three footswitches select programs, the last footswitch selects banks. To select a specific bank, continue stepping on bank footswitch until the desired bank number appears in display (5). Then step on footswitch 1-3 to activate program. Only user programs can be selected with the bank footswitch. To select the Factory Presets you must use the Up/Down buttons. To make life easy, factory presets are duplicated in all the user locations.

### ***Editing programs***

30 user slots have been provided for you to fill with programs of your own. Editing programs on the AcousTEC has been designed to be efficient and simple. In order to change, add, or delete an effect simply push the Effect Selector button (4), this selects the effect to edit, the currently selected effect number will appear in the LED Display (5). Then use the Up/down buttons (7) to increment up or down through the effects and effect values. When the desired effect has been found, press the Store Button (6). When the Store Button (6) has been pressed, the store light will blink, this is the AcousTEC asking where you would like the program saved. Use the Up/down buttons (7) to select desired program number, press the Store Button (6) one more time to save. To remove a currently active effect, press the Effect Selector button (4) twice and --- will appear, then press the Store Button (6). This removes the effect from the chain. If the effect is currently bypassed press the selector button to activate

### ***Bypassing***

To bypass, simply press the Footswitch (1) of the program you are currently using. **BP** will appear in the LED Display (5), this will bypass the AcousTEC completely. To re-engage the AcousTEC, press any footswitch.

### ***Tuner activation***

To activate tuner, press and hold the Footswitch (1) of the program you are currently using. **tu** will appear in the LED display (5). To tune, pluck string repeatedly and the second vertical row of LED's will show status of note, sharp or flat. The LED Display will show note value.

### ***Factory reset***

**Caution** this function will revert AcousTEC to factory default. All user programs will be erased.

Hold down both the Compressor and Reverb buttons while powering up the AcousTEC. The display will read **r5-** The AcousTEC has now reverted to factory default.

# ACCESSORIES FOR THE AcousTEC



Gig Bag



VCC1 Volume  
Continuous Controller

DOD Electronics  
8760 South Sandy Parkway  
Sandy, Utah, 84070

Telephone (801) 566-8800  
FAX (801) 566-7005

International Distribution: 3 Overlook Drive, Unit 4  
Amherst, New Hampshire 03031 U.S.A.  
FAX (603) 672-4246

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Electronics  
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DOD Electronics

Printed in U.S.A.  
AcousTEC

## DECLARATION OF CONFORMITY

Manufacturer's Name: DOD Electronics Corporation

Manufacturer's Address: 8760 S. Sandy Parkway  
Sandy, Utah 84070, USA

declares that the product

Product Name: AcousTEC

Product Options: All (requires a Class II power adapter that conforms to the requirements of EN 60065, EN 60742, or equivalent).

Safety: EN 60065 (1993)  
IEC65 (1985) with Amendments  
1,2,3

EMC: EN 55013: (1990)  
EN 55020: (1991)

Supplementary Information:

The product herewith complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC as amended by directive 93/68/EEC.

DOD Electronics Corporation  
President of DOD  
8760 S. Sandy Parkway  
Sandy, Utah 84070, USA

Effective: February 23, 1998

European Contact: Your Local DOD Sales and Service Office or

International Sales Office  
3 Overlook Drive #4  
Amherst, New Hampshire 03031, USA  
Tel (603) 672-4244  
Fax (603) 672-4246

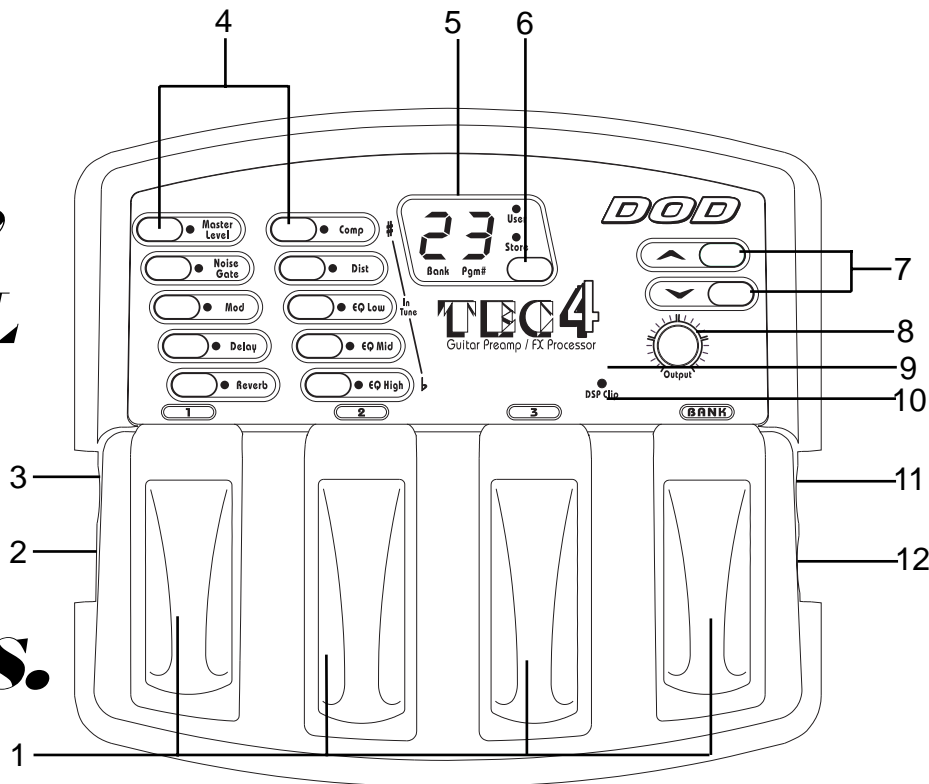
## Warranty

1. The warranty registration card must be mailed within ten days after purchase date to validate this warranty.
2. DOD warrants this product, when used solely within the U.S., to be free from defects in materials and workmanship under normal use and service.
3. DOD liability under this warranty is limited to repairing or replacing defective materials that show evidence of defect, provided the product is returned to DOD **WITH RETURN AUTHORIZATION**, where all parts and labor will be covered up to a period of one (1) year. A Return Authorization number may be obtained from DOD by telephone. The company shall not be liable for any consequential damage as a result of the product's use in any circuit or assembly.
4. Proof-of-purchase is considered to be the burden of the consumer.
5. DOD reserves the right to make changes in design or make additions to or improvements upon this product without incurring any obligation to install the same on products previously manufactured.
6. The foregoing is in lieu of all other warranties, expressed or implied, and DOD neither assumes nor authorizes any person to assume for it any obligation or liability in connection with the sale of this product. In no event shall DOD or its dealers be liable for special or consequential damages or from any delay in the performance of this warranty due to causes beyond their control.

# DOD

## MULTI EFFECTS PROCESSING

**INPUT,  
OUTPUT,  
AND ALL  
THOSE  
FUNKY  
BUTTONS.**



- 1. Program and bank selector footswitches** These footswitches provide access to the AcoustTEC's banks/programs.
- 2. Power adaptor input** This is where the DOD PS200R power supply is connected. Use only the DOD PS200R, other adaptors may damage the AcoustTEC, and void the warranty.
- 3. Controller** Connect *optional* DOD VCC1 to have real time control over volume levels
- 4. Effect selector buttons** These buttons allow you to select the effects you wish to use or bypass.
- 5. Display** The LED display in program mode shows which bank and program is currently selected. In Edit mode it shows the number and/or status of the selected effect. In Tuner mode it displays the note currently being played.
- 6. Store Button** Use this button to store your custom programs in the user memory location of choice.
- 7. Up/Down buttons** These buttons scroll up/down selected effects (edit mode), or up/down through banks/presets (performance mode).
- 8. Input Knob** Controls the input level from your guitar input.
- 9. Digital Notch Filter** Attenuates selected frequencies in order to control feedback.
- 10. Clip LED** The clip LED lights when clipping occurs at the input of the AcoustTEC, To eliminate clipping, reduce the setting of your guitar level, or adjust input knob. Allow the LED to light occasionally with peak signals.
- 11. Output jack** Connect cable from this jack to your amplifier input, also doubles as headphone output.
- 12. Input jack** Plug in your instrument here.



# DIGITAL/ANALOG PRESETS

## **FACTORY PRESETS**

- 01- Bright Detune/Delay
- 02- 12 String Hall
- 03- Classical Hall
- 11- Big Strum
- 12- Live Room
- 13- Ping Pong Flange
- 21- Chorus Slap
- 22- Octave Down
- 23- Slide Lead
- 31- Dry and Compressed
- 32- Cowboy Tremolo
- 33- Bright Light Chorus
- 41- Very "Mod"ern
- 42- Slow Sweep
- 43- Deep Detune
- 51- Detuned Delay
- 52- Pscyhedelic
- 53- Triplets
- 61- Chord Swell
- 62- Tremolo Swell
- 63- 12 String Swell
- 71- Mid Scoop Detune
- 72- Big Arena
- 73- Chorus for Chords
- 81- New Phase
- 82- Modern Classical
- 83- Spacey Classical
- 91- Steel String Solo
- 92- A Fifth Above
- 93- Chorus Bounce

## **FX LIST**

**Master Level:** 0-99

**Noise Gate:** 1-15

- 1-9: Increase gate threshold and hysteresis
- 10-12: Fast swell with increasing thresh. and hyst.
- 13-15: Slow swell with increasing thresh. and hyst.

**Modulations:**

- C0-C9: Chorus, 3 slow, 4 medium, 3 fast.
- F0-F9: Flanger, 4 slow, 3 medium, 3 fast.
- P0-P9: Phasor, 4 slow, 3 medium, 3 fast.
- t0-t8: Tremolo, Increasing speed, variable depths.
- S0-S9: Pitch shifter, 12 down x3, 3rd down, b3rd down, 3rd up, b3rd up, 12up X3.
- d0-d8: Detune, 3@5 cents, 3@10 cents, 3@15 cents.

**Delay:** 01-99

- Mono 01-59 100ms to 500ms increasing in 100ms steps, increasing feedback and delay mix.
- Multitap 60-99 100ms to 500ms increasing in 100ms steps, increasing feedback and delay mix.

**Reverb:** 1-9

- 1-3: Room, 3 levels.
- 4-6: Hall, 3 levels.
- 7-9: Stadium, 3 levels.

**Compression:** 1-3

- 1: Low
- 2: Medium
- 3: High

**Contour:** 1-15 (\*need brief overview of ranges)

**EQ Low:** -12 to +12 in steps of 2 dB.

**EQ Mid:** -12 to +12 in steps of 2 dB.

**EQ High:** -12 to +12 in steps of 2 dB.

# QUICK START

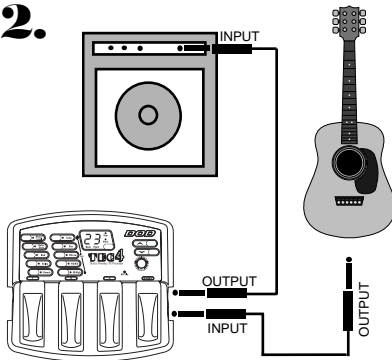
1.



**Safety Info:**

Read all safety instructions before operating AcousTEC

2.



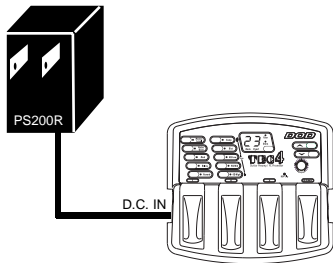
**Input**

**Connection:** Insert 1/4" cable from guitar to AcousTEC input.

**Output**

**Connection:** Insert 1/4" cable from AcousTEC output to amplifier input.

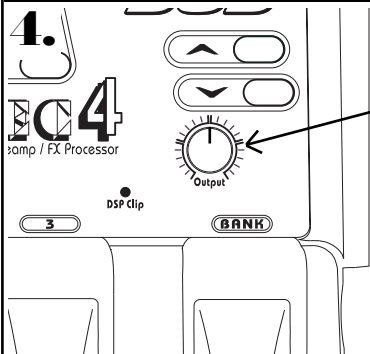
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**Power:**

Make sure DOD PS200R adaptor is connected.

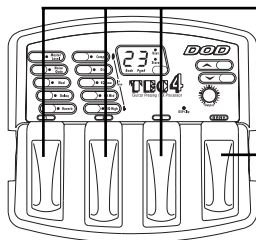
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**Input Level:**

Set your Input level to 12 o' clock, with the Input Knob.

5.



**Banks/Presets:**

The left 3 footswitches provide access to presets.

The far right footswitch scrolls up through banks.