

PDS 2700
Double Play

OWNER'S MANUAL

DigiTech

Introduction

The DigiTech **Double Play™** has over 16 combinations of effects, using both delay and chorus controls to create infinite possibilities from one pedal. Set the digital delay, then mix in some chorus with just the right amount of depth for that unique effect. Or set the delay for infinite repeat and lay a few licks

into the memory for great rhythm sound. DigiTech's own VLSI engine creates smooth, dynamic sound effects with maximum frequency response. The stereo output jacks and high-performance CMOS technology make the **Double Play™** incredibly versatile.

Control Descriptions

DELAY LEVEL: Adjusts the amount of delayed signal mixed in with the dry signal. Provides a 50-50 mix at the maximum setting.

REGENERATION: Determines the amount of signal fed back into the delay path to be delayed again. In longer delay settings, a higher REGEN setting will result in more echoes. On very short delay settings a higher REGEN setting will give a more pronounced comb filter effect.

DELAY TIME: Adjusts the amount of delay within a particular range. See "RANGE/MODE".

DELAY LED: When lit, indicates delay is on. When off, indicates delay is bypassed.

RANGE/MODE: A dual-function control. First, it selects the following delay ranges:

- 4 msec to 16 msec
- 16 msec to 63 msec
- 63 msec to 250 msec
- 250 msec to 1 second

Second, it selects the infinite repeat mode when turned fully clockwise. Press the foot pedal to toggle infinite repeat on and off.

CHORUS LED: When on, indicates chorus is on. When off, indicates chorus is bypassed.

CHORUS SPEED: Adjusts the speed of the delay time sweep from 135 to 24,000 msec.

CHORUS DEPTH: Adjusts the amount of delay time change, or the range of the sweep.

CHORUS DELAY TIME: Adjusts the sweep, or amount of delay time, from 16 to 63 msec.

DELAY BYPASS/OO REPEAT FOOTSWITCH: When RANGE/MODE is set to a delay range, the footswitch toggles the delay bypass on or off. When RANGE/MODE is set to infinite repeat, the footswitch toggles the infinite repeat on or off.

CHORUS BYPASS FOOTSWITCH: Toggles the chorus bypass on or off.

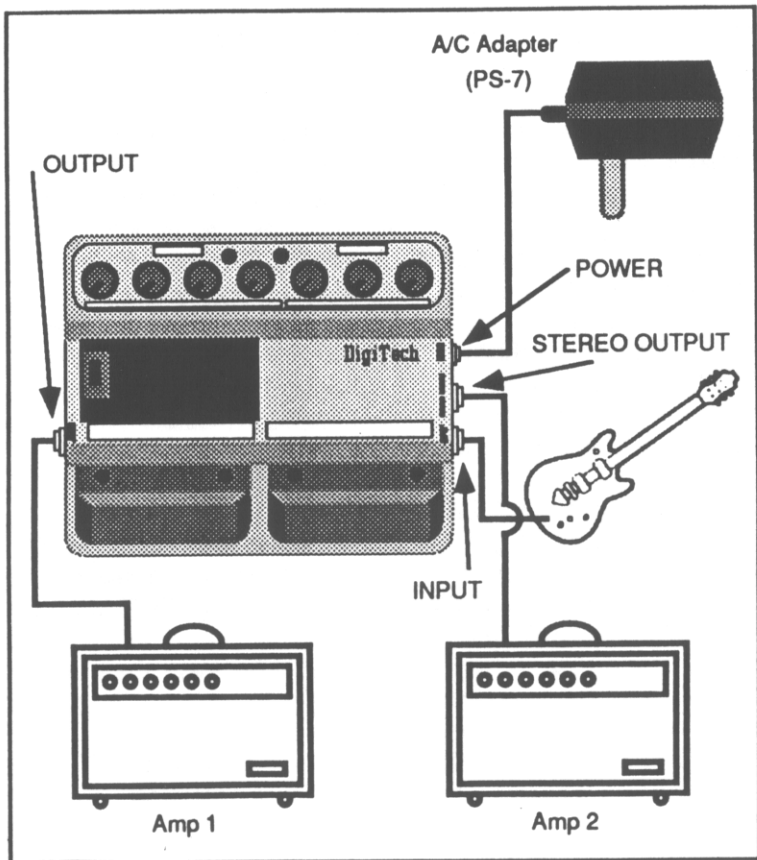
Jacks

INPUT JACK: Standard 1/4-inch jack for mono (unbalanced) guitar signals.

OUTPUT JACK: Standard 1/4-inch jack for mono (unbalanced) output.

STEREO OUTPUT JACK: Standard 1/4-inch jack for mono (unbalanced) plugs. Use of this jack in conjunction with the OUTPUT jack will provide a stereo effect.

POWER JACK: 1/8-inch jack for use with an AC power adapter. See "Specifications".



Stereo Setup Using DigiTech Double Play™

Applications

The delay functions of the **Double Play™** are extremely versatile, including the following applications:

Programmable infinite repeat.

Set the delay range to the one second infinite repeat position. Press the DELAY BYPASS/OO REPEAT footswitch to toggle the infinite repeat off. Set the DELAY TIME high, the REGEN low, and the DELAY LEVEL as desired. Play a rhythm riff in time with the delay, then press the DELAY BYPASS/OO REPEAT footswitch. The rhythm is now stored in memory and continues to repeat until the footswitch is pressed again. Play along with the stored rhythm as desired.

Sound-on-sound. Put down a rhythm riff as explained in the infinite repeat section. Turn the REGEN all the way up. Press the DELAY BYPASS/OO REPEAT footswitch, play a lick that fits the rhythm, and press the footswitch again. Several tracks may be stored in the memory using this method; however, the earlier tracks will be slightly attenuated.

Echo. Set the RANGE/MODE to 250 msec to 1 second. Adjust the DELAY TIME for longer or shorter echoes. Add REGEN for more than one repeat.

Slap back. Set the RANGE/MODE to 250 msec position, then set the DELAY TIME and REGEN to low.

Doubling. Set the RANGE/-MODE to 16 msec to 63 msec. Set the DELAY TIME high, and the REGEN and DELAY LEVEL as desired.

The chorus functions of the **Double Play™** are extremely versatile. Set the chorus level fully clockwise, then strike a chord and adjust the speed, depth and delay time until it sounds just right. Experiment with a variety of settings to test the limits of the **Double Play™**.

The delay and chorus effects can also be used simultaneously to produce unique sounds. Use a short RANGE/-MODE setting, then adjust the REGEN to give the signal a reverb effect ranging from the sound of a small room to a large room. Connect the **Double Play™** to two amplifiers to add stereo sound to the large room effect.

Battery Requirements

The **Double Play™** has an average current drain of about 92 mA. For optimum performance, the Eveready

#522 alkaline battery is recommended, and will provide about 2 hours of service.

In Case of Difficulty

In the unlikely event of difficulty with the **Double Play™**, check the battery to make sure it is charged. If using an AC adapter, verify that the adapter is making proper connection to the unit. Also check the condition of all plugs and cords, and ensure they are making proper contact to the jacks on the **Double Play™**.

Check to see that the unit is not being overdriven by the input signal, then check the **DELAY LEVEL** to verify there is sufficient output signal.

Unauthorized repair of the **Double Play™** by anyone other than the DigiTech factory voids the warranty. Contact a DigiTech dealer for return/repair procedures.

FCC Compliance

This equipment has been tested and found to comply with the limits of a Class B computing device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le règlement sur le brouillage radioélectrique édicté par le Ministère des Communications du Canada.

Specifications

Power:	Eveready #522 DC 9V alkaline battery or AC adapter (DigiTech PS-7)	Bandwidth Dry: 20 Hz to 40 kHz Delay: 30 Hz to 10 kHz
Current Drain:	Typically 92 mA	SNR: Dry: > 90 dB Delay: > 85 dB
Controls:	Delay Level, Regeneration, Delay Time, Range/Mode, Chorus Speed, Chorus Depth, Chorus Delay Time	Input Impedance: 1M ohms Output Impedance: 4.7K ohms Weight: 2.3 lbs. (1.05 kg.) Dimensions: 5" x 6" x 2" (127 mm x 152 mm x 51 mm)
Footswitch Controls:	Delay Bypass/OO Repeat, Chorus Bypass	
Jacks:	Input, Output, Stereo Output, Power	

Warranty

1. The warranty registration card must be mailed within ten days after purchase date to validate this warranty.
2. DigiTech 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. DigiTech liability under this warranty is limited to repairing or replacing defective materials that show evidence of defect, provided the product is returned through the original dealer, where all parts and labor will be covered up to a period of one year. 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. DigiTech 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 DigiTech 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 DigiTech 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.

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