



SPECIALE DD1959

INFORMATIONS

SPECIALE DD1959 is an evolution of “Double Decker” project which is inspired by the legendary British tone of 1959. The two channels offer edge to super lead sounds (from blues to hard rock). It can be used with an amp or as a DAW where thanks to the new update a clean channel has now been added. In this mode we have three channels + solo.

The two overdrive channels integrate the gain and volume controls and a complete tone stack built in low impedance technology to better sculpt your sound. The “Boost” is post effects loop in order to allow better functionality. The FX loop is equipped with an analogue mixer in order to be able to adjust from series to parallel and in the case of parallel use from dry to wet. The “Rec.out”, was designed in analog mode as it better preserves the sound details of the speaker simulator. (Sm57 in front of a V30 speaker in 2x12 “ Cab.)

Ch2 today has an “extra gain stage” that is useful for creating a sound richer in detail and dynamics. This allows you to range from a great rhythmic sound to a soloist. If we increase the gain level, enter the slight compression that helps us to play shredding.

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DETAILS

Some guidelines to design this unit:

1. Two channels + solo in "Amplify" mode; Three channels + solo in "Rec. out" mode.
2. Extreme Audio Quality: Great linearity of the signal designed with a new valve preamplifier combined with a professional IC. The sound has excellent benefits.
3. Redesigned a new effects loop. Now there is an additional analog mixer that allows you to choose from all "series" to "parallel" and in the parallel mode you can adjust the level from "dry" to "wet". When the fx loop is not connected, the "serial / parallel" control becomes a "Master Volume".
4. **SPECIALE DD1959** has increased the gain stages on Channel 2 in order to offer distortion typical of the best tube amplifiers with surprising dynamics. The choice to use a higher number of stages was chosen not to have greater gain but to get a greater wall of sound and better headroom.

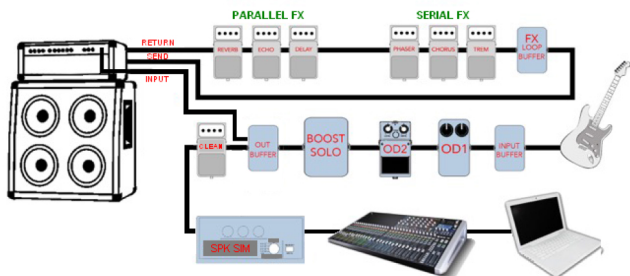
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ABOUT SPECIALE DD1959

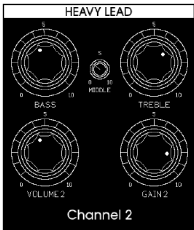
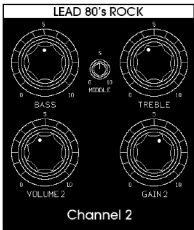
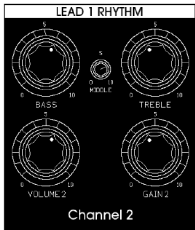
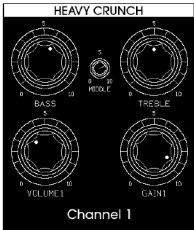
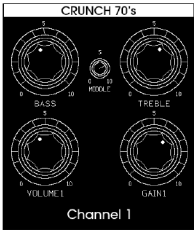
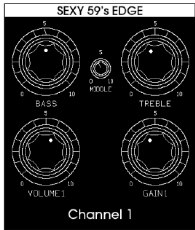
SPECIALE DD 1959 features so many functions as 8 single pedals to obtain same flexibility.

It's equipped with Hi-End buffers and its Solo may be used also on the Bypass mode, just like a third pedal. The Bypass when used in Rec-out mode automatically activates the "clean channel pre-amplifier".

SPECIALE DD1959 if used in Rec-out mode becomes a three channel + boost preamplifier.

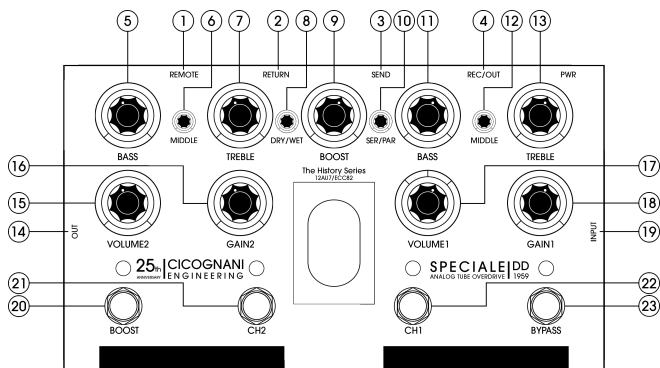


SETTINGS



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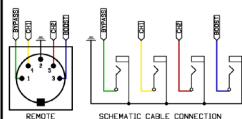
CONTROLS



1. **Remote:** Remote all 4 function buttons by a looper switcher
2. **Return:** Return In
3. **Send:** Send out (Preamp-out)
4. **Rec/Out:** Rec.Out speaker simulator
5. **Bass:** Bass tone control Ch2
6. **Middle:** Middle tone control Ch2
7. **Treble:** Treble tone control Ch2
8. **Dry/Wet:** Dry-Wet FX control
9. **Boost:** Boost volume
10. **Ser/Par Direct Out:** Serial - Parallel FX control
11. **Bass:** Bass tone control Ch1
12. **Middle:** Middle tone control Ch1
13. **Treble:** Treble tone control Ch1
14. **Out:** Standard 1/4" TS jack output
15. **Volume2:** Volume Control Ch2
16. **Gain2:** Gain control Ch2
17. **Volume1:** Volume control Ch1
18. **Gain1:** Gain control Ch1
19. **Input:** Standard 1/4" TS jack input
20. **Boost:** Boost On/On switch
21. **CH2:** Channel 2 On/On switch
22. **CH1:** Channel 1 On/On switch
23. **Bypass:** On/On switch

Remote Connections Schematic:

The connection cable must be constructed following the instructions below. The external control unit must be with momentary outs.

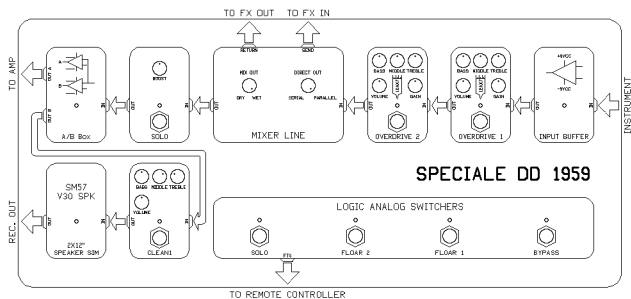


SPECIFICATIONS

Power In	9 to 12VDC (Negative Tip)
Consumption	From 300 to Max 500mA
S/N Ratio	58db
Max Gain	99db
Boost	0 to +6db
Input Impedance	<1M Ohm
Output Impedance	<100K Ohm
Send Impedance	<47K Ohm
Return Impedance	<47K Ohm
Rec Out Impedance	<47K Ohm
Serial Loop FX	0db
Parallel Loop FX	+4db
Max Return Signal	1Vpp
Max Rec Out Signal	0.5Vpp
Estimated Tube Life	Up to 3000 hours
Weight	0.7kg (1.5 lbs)
Dimensions	220 x 130 x 50mm (8.6" x 5.1" x 1.96")
Connection:	Main Power (DC 2.1mm) Input Guitar (Jack mono 6.3mm) Output to amp (Jack mono 6.3mm) Send-Return-Rec Out (Jack mono 6.3mm)
Bypass Function:	1) Full Range - 2) Equalized (Rec Out)
Controls CH1:	Max Gain (70db) Volume (+10db)
Tone Stack CH1:	Treble (6500Hz +/- 10db) Middle (820Hz +/- 8db) Bass (110Hz +/- 8db)
Controls CH2: 1/2 12AU7B	Max Gain CH2 (100db) Volume (+10db)
Tone Stack CH2:	Treble (6500Hz +/- 10db) Middle (820Hz +/- 8db) Bass (110Hz +/- 8db)
Control Boost:	Level (0/+6db) Linearity (Full Range)
Rec Out Emulator	SM57 - 2X12" V30 SPK

CAUTION! Make sure to check the power supply connection as per technical specifications. This pedal cannot be powered by a battery.

INSIDE SPECIALE DD1959



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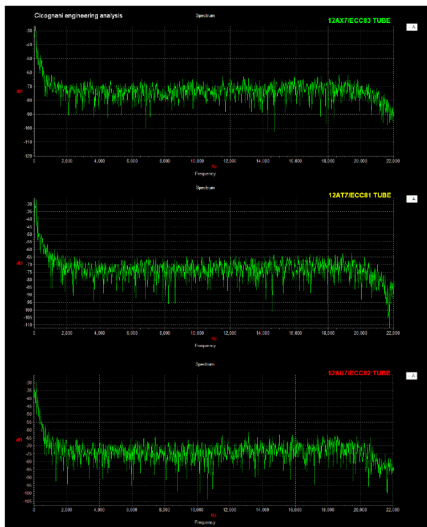
TUBE LINEARITY

The factory equipped valve is a 12AU7. It is however possible to replace it with double triodes of the type: 12AX7 / ECC83, 7025, 12AT7 / ECC82, 12AU7 / ECC82, 5814.

In our tests we chose 12AU7 for some reasons:

1. It offers better signal linearity.
2. Color the sound slightly allowing better work on the filters.
3. Easy availability in the world.

The 12AX7 better satisfies the sound but puts it in a very Rock direction, reducing the possibility of getting those sounds with "Little-Gain" (Edge).



GURU ADVISES

1. Connect the main power to 12Vdc (min 350mA). Make sure the power supply is negative tip.
2. Connect the "Output" to the amplifier "Input".
3. Connect the "Input" to the instrument.
4. Set the "SERIAL/PARALLEL" (Master Vol. without fx loop connected) to max level.
5. As soon as you turn on the pedal you will find the green bypass LED active.
6. The foot buttons are of the momentary type and select: Bypass, Ch1, Ch2, Boost. The latter can also be activated on the Bypass and switches off automatically when a new function passes.
7. The effects loop mixer in the parallel case increases the output level. It is advisable to set the external device to -4db.
8. The Rec. Out output integrates a line buffer to guarantee a purity of the signal also in combination with connection cables longer than 10Mt (32Ft).
9. One of the main features of **SPECIALE DD1959** is the "live" use without amply. You can connect the Rec.out and miraculously the pedal turns into three channels + boost where the bypass becomes the clean channel with factory preset tone adjustment.
10. The pedal functions can be controlled from external devices. To do this correctly consult the guide

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WARRANTY TERMS

The guarantee of the products is two years from the purchase data. Switches, buttons, relays are one year. The thermionic valves, indicator lights, wiring cables are guaranteed for three months.

Responsibility of **CICOGNANI ENGINEERING** is limited to repair or replacement of the product at our discretion.

CICOGNANI ENGINEERING not be liable for damages resulting from loss of use of the product, lost time operation interrupted by non-use, loss of business or any other damages or incidental, consequential or otherwise; damage in transit or damage caused by inadequate packaging.

How to receive assistance: Send an email to sales@cicognani.eu in order to make agreements on how and where to send the product. The product must be sent together with a copy of the receipt/sales receipt. Shipping and packing costs are the responsibility of the purchaser.

THE WARRANTY IS NOT VALID WITHOUT A COPY OF YOUR RECEIPT OF SALE CERTIFYING THE DATE OF PURCHASE.





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