Vinteck sas

Di Guido Michetti & C.

V-8.2 CUTTER

True-bypass MIDI switching Pedalboard

User manual
Ed. 01   rev. 2

Thank you very much for purchase of V-8.2 CUTTER pedalboard.
We really hope that it will be good friend for several ours of music. We ask you to write us by email at support@vinteck.com any problems or any ideas about hardware & software you think may be useful to us to built a better product.
We are anytime avalaible for any help you may need about how to use the V-8.2 CUTTER

Keep on rockin' (blues, jazz, latin, fusion….)

Guido Michetti

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Contents

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1-instrument marking.

V-8.2 CUTTER got in back side a little non removable area with serial and years of building.
It is very important to report this information in case of need of technical supply.

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2- general wornings

o　　　**please read the operator manual before starting the use of V-8 and follow the informations.**
o　　　**Maintenance must be operated ALWAYS with the instrument not connected to power supply**

V-8 is powered by an external 12 VDC 500mA. In no any case external power supply must be opened or dissasembled.
In no any case the power plug and switch must be disassembled.
Vinteck declines all responsibility for damages to persons, animals and things caused by the non-observance of such a provision.
 Warning
- Use of the machine by not properly trained staff.
- Improper use of the machine.
- Electric energy defects
- Repairing and changes made without authorisation.
- Use of not original or not specific for the model parts.
- Partial or total non-observance of the instructions.
- Use of the machine against national specific laws.
- Calamity and unusual events.

Remaining risk

Definition of remaining risk: "A danger not completely reducible from the designing and the safety devices, i.e. potential and not evident danger".
Since the productive aiming, the mechanical qualities and the presupposed proper usage we didn't find any remaining risks, both during the design and the tests.
Anyway, we recommend:
- to let only trained staff using the machine;
- to check that the machine is supplied by an grounded single-phase electrical cable and the plug has an effective earth terminal.

3- instructions manual

3.1 This manual is addressed to following subjects:
-　Owner;
-　Operators.
-　Technical builder

3.2 **Aiming of details in I.M.**
The manual contains a clear description of all technical specifications of the machine aimed at the transport, adjusting, maintenance, caution, location of remaining risks.

3.3 **Using limits of I.M.**
This manual can never replace an adequate experience of an operator and so it can only be a memorandum of the main operations. We specify, moreover. That I.M. mirrors the technical data at the moment of the purchase of the machine and that the manufacturer has the right to bring up-to-date I.M. and machines without conform I.M. and previous models.

3.4 **How to keep this I.M.**
The operating instruction manual has to be kept in perfect state and has to be always available for consultation. It has to follow the machine in case of transfer of property. It has to be kept until the demolition of the machine itself,
To order the up-to-date versions of I.M. and for any further information, please contact Vinteck sas or the nearest Vinteck sas dealer. We will be pleased to receive your suggestions to improve our quality.
Note for the use of this machine in a foreign country: contingent laws and restrictions in place for this kind of machine in the Country where it is used have to be respected also in the case are not mentioned in this manual.
New updated release of the manual will be available on www.vinteck.com

4- V-8.2 CUTTER: technical description
True bypass system, working with silver golden relays.
8 programmable loops, plus 2 extra loops for amps send return connections or non automated effects.
It's possible to connect 5 pedals in front of amps an 3 in effects loops, or 6 and 2.
4 programmable switch completely independent from loops, for amps channel control.
Any combination between loops, switch and MIDI program change is possible.

Buffered input, programmable switch. Max input level +4dB
Out tuner with MUTE function
10 banks of 8 programs, total of 80 programs.
Each bank may be deactivated (from 0 to 9)
Direct activation of loops may be done with button program/loop
MIDI manager with possibility of program change assign from 0 to 100 on all programs, independent from program number (MIDI MAPPING)
Up to 2 control change assignable to each program
MIDI TAP TEMPO with external pedals, Control Change is assignable from 1 to 128.
MIDI channel manager input, output e 0/1 assignament.
MIDI IN and MIDI OUT with eco THRU (all incoming command comes send out as they are)
All programming operations may be done standing up.
2 digit Display
12 VAC/DC not stabilized power supply, 500mA
Dimensions 33 x 12 cm. High 5,5 front, 6 cm back, staggered surface ad buttons positions, for easy access.

5- installation and connections (wiring)

All connection are on back side of V-8

Low, from left to right:

- IN   Guitar, or bass, input
- TUNER   Direct output from guitar IN. May be used for tuner. Note: there is not any MUTE function.-
- IN TRUE   True bypass input. Any signal may be inserted..
- LOOP1-5   loops managed from buttons 1 to 5
        SND   Signal for pedal input
        RTN   Signal back from pedal.
- EXT LOOP   Fixed loop. Usable for always ON pedals (ex volume) or for amp effect loop connection. (see Example)
- LOOP6   loops managed from buttons 6
- EXT LOOP   Fixed loop. Usable for always ON pedals (ex volume) or for amp effect loop connection. (see Example)
- LOOP7-8   loops managed from buttons 7 and 8
- OUT   OUTPUT signal
- EXSW   input for external switch, temporary switch must be used.
- S 1-2-3-4   NO contact (normally open). Close HOT on GROUND. For amps channel switching.

- MIDI IN/OUT   IN and OUT MIDI socket
- AC/C IN   Power supply input. Not less than 12 VDC, 500mA (450mA required when all loops/switch are active)

PEDALBOARD

Leds show:;

- 1-8   BLUE loops 1 to 8
- S 1-4 RED switch on/off 1, 2, 3 and 4 .
- P   WHITE. Show PROGRAM MODE ON (programs will be recalled)
- L –   BLUE. Show LOOP MODE ON (loops will be recalled)
MUTE: mute ON
BFR: Buffer ON

WARNING:
The light of the LEDS is very intense to allow visibility even under intense stage lights.
To avoid the risk of glare do not look directly into the light.
Vinteck declines all responsibility for damages to persons, animals and things caused
by the non-observance of such a provision

Button 1 - 8 may activate single loops or recalls programs, plus several MIDI
Button P/L make selection between LOOP e PROGRAMS, plus several MIDI functions
Button UP allows ratation of banks and selection of number od actve banks, plus MIDI functions,

WIRING AND CONNECTIONS EXAMPLES

V-8 must be powered with original power supply only.
Insert the power supply cord in his plug. When powered the V-UNO is active.
WORNING : never cut the wire of 230/12VAC power supply.
         Never open the V-8.2 cutter power supply. 230VAC inside when connected to 230 V socket.
**Vinteck sas do not have any responsibility in case of damage to people, animals or objects in case of**
non respect of this point. No warranty will be applied if power supply unit is disassembled or modified.

V-8 allows several way to connect to systems. You can see some example.
Note: examples are just examples, are not law. There are several possibilities to make good connections, just
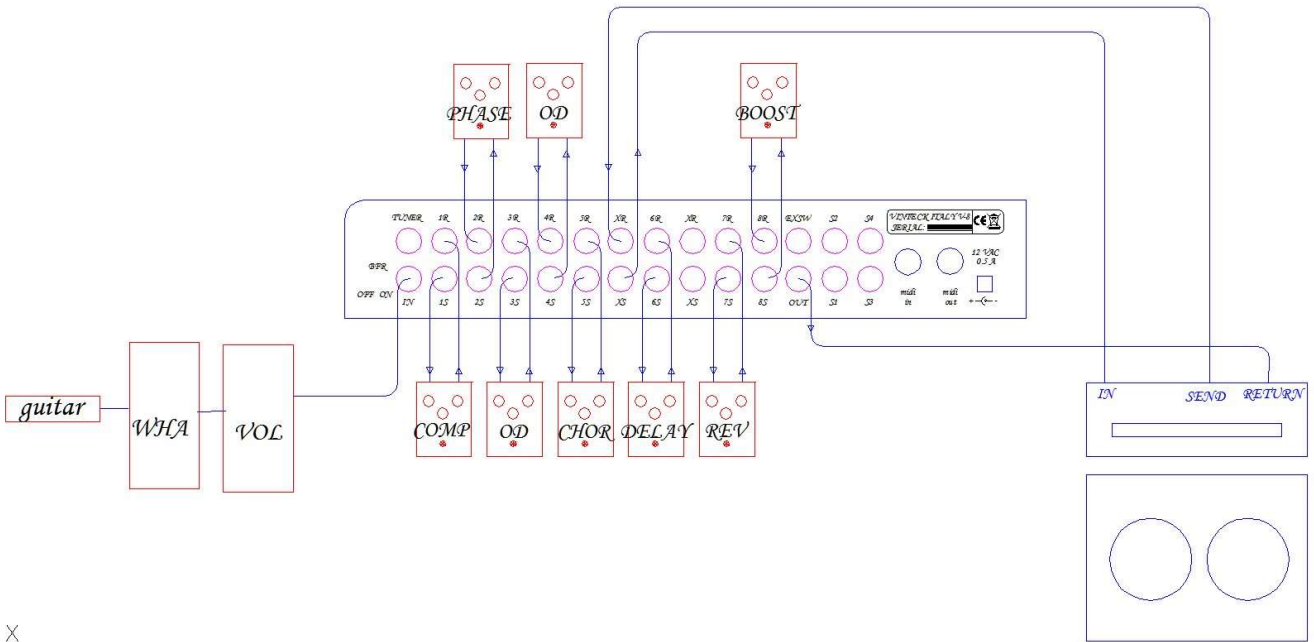found the best for you sound!

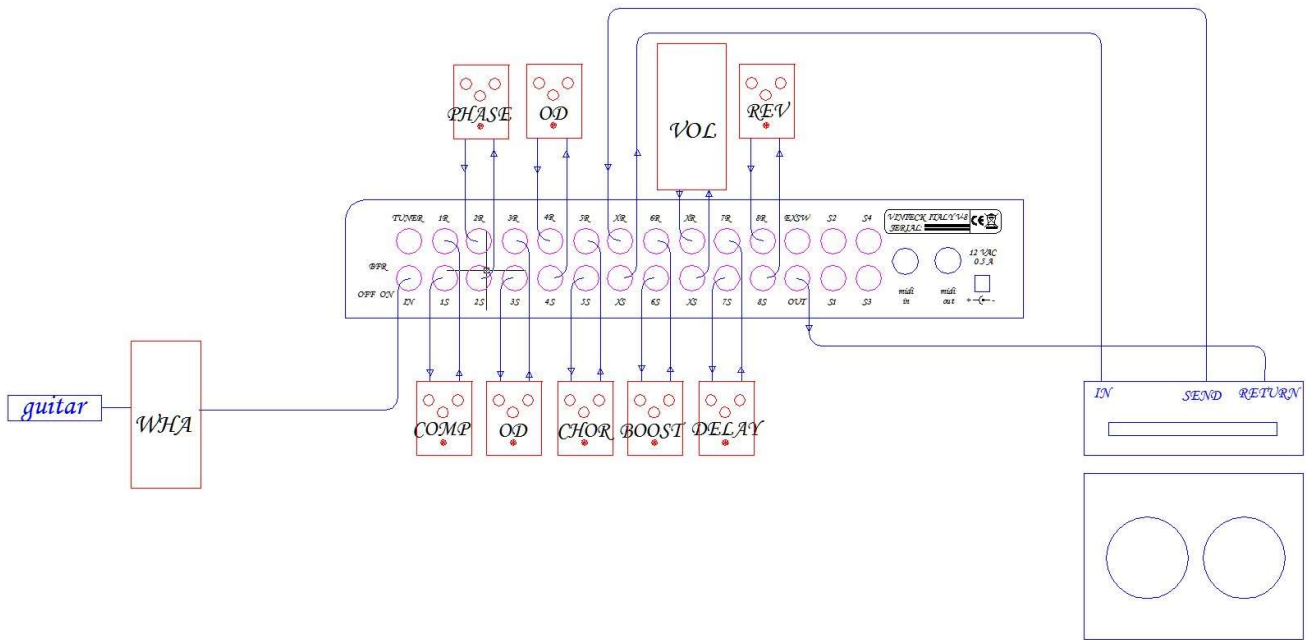**Example 1.**
8 stomps chain and out to amp.
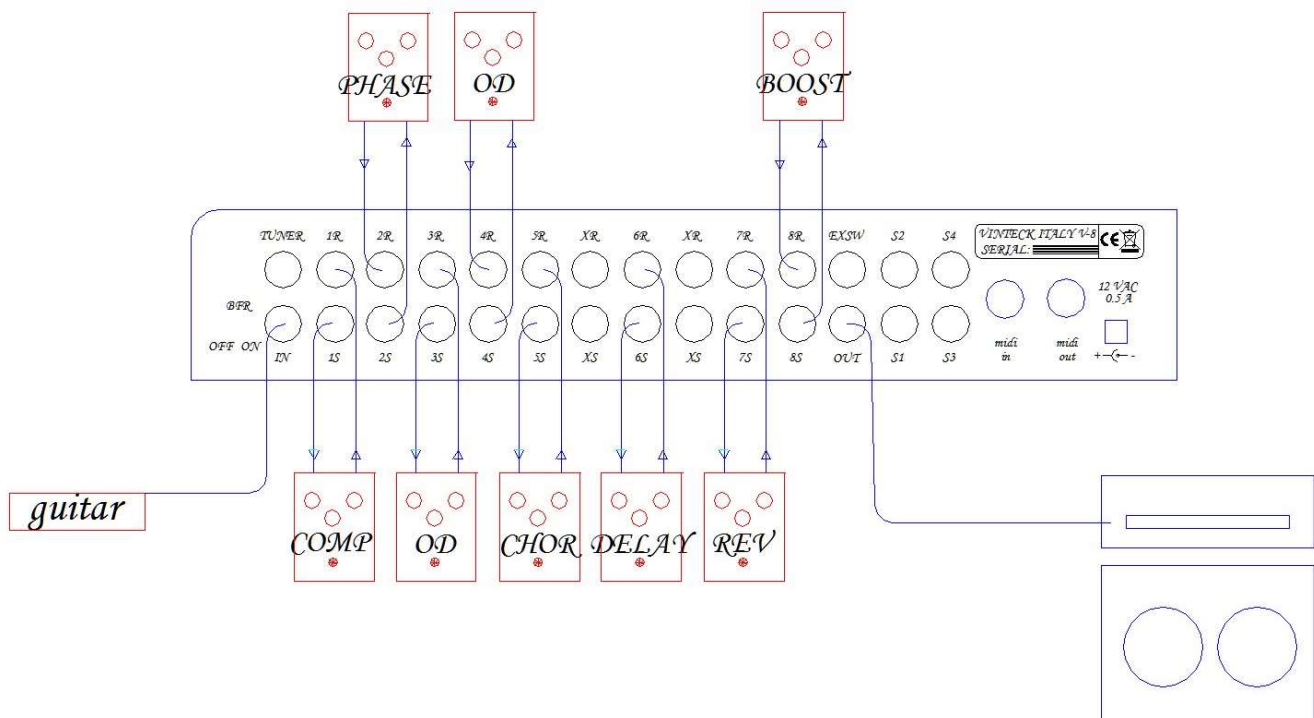
Example 2
V-8 with 6 pedals in front and 3 in send/return.

Example 3
V-8 with 6 pedals in front, 2 pedals in send/return and volume in send/return before delays

6 – PROGRAMMING AND MIDI MANAGER

BUTTON "L/P" AND BUTTON "UP"

L/P button
Make selection between LOOP and PROGRAM function of buttons 1 to 8
BLU led "L" ON button 1 to 8 make direct activation of loops
WHITE led ON button 1 to 8 recall programs
Other function:
whit white led "P" on, keep pressed for 3 seconds enter in MIDI MAPPING menu.

UP button
While white led "P" is on, make increments of banks, if banks are active.
Keep pressed for decrease.
Other function:
Whit BLUE led ON keep pressed to enter in "activation of bank" function

GLOBAL FUNCTION (PAR)

GLOBAL (PAR) The function allows predefition of following parameters, as show in table.
To enter in PAR wity blue led L on keep pressed MD for 4 seconds. Display will show PAR. Choose the parameter to be edited:

PULS	FUNCTION	COMAND 1	COMAND 2	VALUE	OUT SAVE	DEFAULT	DISPLAY 1	DISPLAY2
1	In MIDI channel	UP		0 – omni 1- 16	MD	0	IN	
2	out MIDI channel MASTER	UP		1-16	MD	1	OUT	
3	MIDI numb 0-127 / 1-128	UP		0 - 1	MD	1	NR	
4	Tap Tempo ext Control Change value	UP DW		0-127		80	TAP	
5	Control Change a puls 1 2 3 assign	P1,P2,P3, UP	P6-CC nr	0-120	8	000	CCO	0-120
			P7- OUT channel	1-16	8	1	CHO	0-16
			P8- CC value	0-127	8	000	CCV	0-127
6	Switch 1, 2, 3 and 4: latch, single shot, dual shot	UP, DW 1,2,3,4			MD	LATCH SINGLE DUAL	S1L S1S S1D	
7	Buffer ON / OFF global	UP	P8		MD	OFF	0-80 counter	
8	BANK activazion	UP	P1-P8	ACTIVE OFF	MD	1-on	B1 A B1O	

Activation of global PAR function

To enter in PAR wity blue led L on keep pressed MD for 4 seconds. Display will show PAR.
Than choose the parameter to be edited:

1- **MIDI input channel**
   Display show IN and blink alternate a number from 00 to 16
   Make selection with UP
   00 means OMNI, all channels open
   Save and exit with MD

2- **MIDI output channes**
   Display show OUT and blink alternate a number from 00 to 16
   Make selection with UP
   Save and exit with MD
   NOTE: OUT channels is a general parameter, but may be changed for any single programs or any single Control Change

3- **Programas numbers 0-127 / 1-128**
   Sul display compare la scritta NR seguita un numero da 0 a 1
   0 = 0-127 , 1= 1-128
   Effettuare la selezione con pulsanti UP .
   Uscire e confermare con pulsante MD

4- **External Tap Tempo Control Change Value**
   With external button it's possible to send a TapTempo Command, with a MIDI CONTROL CHANGE. IN any moment.
   Use any kinf of NORMALLY OPEN pedal.
   To define CONTROL CHANGE:
   Display show TAP follone (blinking) a number from 1 to 128
   Choose with UP e MD (MD as down).
   On some devices the tap tempo control change is CC80 , Check on device user manual.
   Su alcun apparati il comando per il TAP TEMPO è CC80.
   Save and exit with 8

5- **Control Change assign, Value and channels to pulsant 1-3**
   This command allows to assign up to 3 different Control Change to buttons 1, 2 and 3
   Display show CC1 blinking to 000
   Pressing buttons 1, 2 or 3 display show:
   CC1 blinking to 000
   CC2 blinking to 000
   CC3 blinking to 000
   For each single program is possible assign the CC, and the channel and the Value
   Button **6** assign the number of CC, UP e DW for selection, value from 1 to 120)
   ▪ Display show 000 (from 000 to 120)
   Button **7** assign the CHANNEL of CC, UP e DW for selection, value from 1 to 16)
   ▪ Display show 000 (from 000 to 120)
   Button **8** assign the VALUE of CC, UP e DW for selection, value from 0 to 1278)
   ▪ Display show 000 (from 000 to 120)

   Save and exit with 8

6- Switch 1, 2, 3 & 4: latch, single shot, dual shot

The 4 amp channel switches may be pre set as follow:
o   Latch
o   Single shot (single impulse)
o   Dual shot (single impulse IN and single impulse OUT)

Frorm PAR press 6

Display show S1L :
With buttons 1,2,3,4 choose switch
With UP select: LATCH (S1L), SSHOT (S1S), DSHOT (S1D)

Save and exit with MD

7- Buffer on/off (global ON all programs)
It is possible pre set the BUFFER OU or OFF on all programs.
Program by program it's possible to set or or off singularly.

Press button 7 to enter in function.
Diplay show BON or BOF (Buffer On or Buffer Off)
With UP choose ON or OFF
Press 8 to confirm.
Display will show a counter from 1 to 80
Do no stop anway the sequence, it will takes a few seconds.
Automatically exit after preset.

8- Bank Activation

The V8.2 Cutter may keep in memory up to 10 banks of 8 programs each.
It's possible to deactivate some memorized banks, without delete the programs.
All rograms, even if in anon active bank, comes keept in memory.

To active the banks press 8 while in PAR function.
Diplay will show B0A or B0O (Bank 0 Active or Off)
 With UP canghe the banks, from 0 to 9
With any of pulsant 1-8 change the status.

Save and exit with MD

PATCH PROGRAMMING

Programs allowed are 80, 10 banks of 8 programs.
To program combinations loops (1-8) – switch (1-4)
Whit white led ON:
Keep pressed the button of program (ex. Nr. 3) for about 2.5 seconds.
Programming is active when white led start to blink
Press buttons of loops desired. Blue led show active loops.
Keep pressed buttons 1-4 for about 2.5 secs to activate switches. Red leds indicate switches ON.
Confirm and memorize programs pressing L/P button.

BANKS ACTIVATION

Factory preset comes with bans 1-9 not active. Only bank 0 is active.
To activate banks 1-9 .
With blue led "L" press and keep for about 4 secs button UP
Display shows b0 (bank zero)
Press UP to increase bank. Press button "L/P" to activate bank.
Active banks show on display the DOT.
Banks may be activated without sequence. (ex. Banks 0, 4 and 7 active).
Following display show T0, T1, T2, T3. This is a function not active on V-8
To exit and confirm press button 8.

MIDI SETTINGS

INPUT CHANNEL

Press buttons 1 and 5 together, keep pressed 3 secs.
Display blinks between IN and a number from 00 to 16.
00 is OMNI, 1 to 16 is channel selection of input.
Choose with buttons UP and L/P (as DOWN) , then confirm and exit with button 8.

OUTPUT CHANNEL

Press buttons 2 and 6 together, keep pressed 3 secs.
Display blinks between OT (as OUT) and a number from 1 to 16.
1 to 16 is channel selection of output
Choose with buttons UP and L/P (as DOWN) , then confirm and exit with button 8.

Reference number 0-127 or 1/128

Press buttons 3 and 7 together, keep pressed 3 secs.
Display blinks between CH, and a number from 0 to 1
Choose with button UP and L/P (as down).
Effettuare la selezione con pulsanti UP e L/P (down).
Confirm and exit with button 8.

EXTERNAL BUTTONS FOR CONTROL CHANGE (MIDI TAP TEMPO)

With an external temporary Normally Open buttons it is possible to manage and send a Control Change command via MIDI.

To set the CONTROL CHANGE value:
Press buttons 4 and 8 together, keep pressed 3 secs
Display blinks between CC, and a number from 0 to 99 then 0.0. to 2.8 for values from 100 to 128.
Choose value with buttons UP and L/P (as down) .
Preset values is CC #80 . On some devices this the preset as well. Check on users manual the right CC values.
Confirm and exit with button 8.

PROGRAM CHANGE MIDI MAPPING. UP TO 3 PC FOR PROGRAMS

V-8.2 allows to assign UP TO 3 PROGRAM CHANGE ON DIFFERETN CHANNEL, FOR ANY PROGRAMS (PATCH)
As default the Program change is the same as the patch name (patch P01, PC 001)
If unchanged the 2 plus PC are not sent.
To preset th3 PC:
Recall the Progam (patch) (01-98)
NOTA: it is important remember the program on while you are working.
With white led "P" on press MD and keep pressed for 3 seconds.

Display will show P01 alternated with number 001

With UP change the number of program (1 to 128)
Pressing 5 display will show C01 alternated with 01. This is tha output channel.
Change it with UP (1 to 16)

Pressing 2 display will show P02 altenated with number 000 (default, no program change)
Change with UP
Pressing 6 display will show C02 alternated with 01. This is tha output channel
Change with UP (1 to 16)

Pressing 3 display will show P03 altenated with number 000 (default, no program change)
Change with UP
Pressing 7 display will show C03 alternated with 01. This is tha output channel
Change with UP (1 to 16)

Pressing 1 go back to first progrtam change.

Save and exit with 8

Factory preset got same number.

To change number:

FACTORY RESET

On V-8 it's possible to return to beginning default settings.
To make Factory reset:
Shot down power supply, removing power supply cord
Press buttons 1 and 5 together, keep pressed and reinser power supply.
Display show "ii" , as Initialization
Release buttons.
Note: Factory reset is not reversible.

7- Spare parts

Codice	descrizione
TB10S7	button
TB10BF	Buffer integrated chip
VUNOPS	External power supply

8- Warranty terms

V-8 is covered of total warranty of 2 (two) years from purchase.

Warranty operation will be performed only at Vinteck factory in Torino Italy.

Shipping cost are charged to customers after 1 year
All operation and any spare parts are covered by warranty.

Warranty do not cover the following cases:

- Uncured utilization
- Damage from transportations
- Repairing and changes made without authorization
- Athmosferic Events
- Incorrect use of instruments
- Power supply not correct
- Use of not original spare parts
- Partial or total non-observance of the instructions;
- Use of the machine against national specific laws.;
- Calamity and unusual events.

10   support

Any information about "how to use" or any technical problems may be send by email to:

support@vinteck.com

or to

info@vinteck.com

DECLARATION OF CONFORMITY

Application of Council Directive(s):   89/336/EEC and 93/68/EEC

Standard(s) to which Conformity is Declared   EN 55103-1, EN 55103-2 and 60062: 1998

Manufacturer   Vinteck SAS di Guido Michetti & C.
Corso Vittorio Emanuele II, 123
10128 Torino – ITALY
The equipment identified here conforms to
the Directive(s) and Standards specified
above

Type of equipment   Effects switching system

Model   TB10MKII – TB5
V-UNO V-8

Data   september 2007

Vinteck sas
di Guido Michetti & C.
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10128 Torino Italy