

Chapter 6

PROBLEM SOLVING

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DISPLAY MESSAGES

Low Bat.	Batterie voltage too low
Unlock	No or wrong external sync available or clock failure
Cmd. Fail	Error coming from the lower box, unable to execute a transport command
Deck err.	Upper deck not responding (booting or frozen)
Disk err.	Something went wrong with the HDD
Booting	During startup of the machine
UpdateOk	When the machine has finished to install a new software
Ver. Error	When during an update 2 different none compatible version are present
No Disk	If the HDD is not present or not switched on
Bad Disk	Unknown format or unformatted HDD
Dir.Error	Directory error. Cannot create the "nagrav" directory (file name conflict)
Reading	The machine is reading the HDD directory (after booting)
DiskBusy	The HDD is finishing a job
DiskFull	No more disk space
Disk Jam	Electrical or mechanical HDD problem
Dir. Full	The highest file number reached the index 999
DateLost	Due too long storage or no battery, date and time is lost
WaitTrig.	Before starting recording in the "Auto Rec" mode. The machine is waiting for the trigger to start recording
Stopped	Recording stopped by the remote connector input (start/stop signal for record or play).

PROBLEM LOCATION

PROBLEM	REASON	REMEDY
No signal on the modulometer in Test /Record positions	Modulometer menu set to LEV. OUT	Select either AUTO or LEV IN in modulometer menu
	Inputs set to AES	Set SOURCE in the input menu to ANALOGUE
	Inputs set to Analogue when trying to record a digital input	Set SOURCE in the input menu to AES
	Internal channel routing switches incorrectly set	Verify the switch positions on the main mother board
	Matrix menu has all inputs set to the OFF position	Select the desired inputs to Left, Right or Both positions.
There is something on this HDD but my NAGRA V won't see it	Wrong bit rate / sampling frequency selected	Verify the bit rate / sampling frequency of the take in the DIRECTORY menu and set the machine accordingly
No signal on the headphones	Headphone potentiometer turned fully counter clockwise	Increase the headphone level potentiometer
	Line output pot turned fully counter-clockwise.	Verify and adjust potentiometer position.
	Incorrect position of EE/AUTO/TAPE switch	Set switch to the AUTO position
No signal on the internal speaker	Line potentiometer turned fully counter-clockwise	Increase level of Line potentiometer
	Speaker set to OFF	Set the LOUD SPK. Menu to the AUTO position.
	Headphone potentiometer turned fully counter-clockwise	Increase level of headphone potentiometer
Only hear the audio on one channel	Channel matrix incorrectly set	Verify the INPUT menu and check that the inputs are switched to the correct channels
Record LED Flashing during record	An external reference has been selected but is not present on the BNC connector. (Fast flash)	Connect correct reference to the BNC connector or select MASTER in the Reference Frequency menu
	AES Inputs selected and no digital signal present. (Double flash)	Apply digital signal to inputs or set inputs to analogue
	Recording is being made into memory. (Slow flashing)	HDD may be faulty. Replace HDD.
	Clock problem (Fast flash)	Verify external reference
The REC led is flashing in the TEST position.	This is normal if the PRE-RECORD function has been set	Ignore it, or switch off the Pre-record function in the menu mode
Record led flashing while recording a digital input	Clocks not locked to incoming digital signal	Check REF FREQ setting is set to the same position as the incoming signal. (e.g. 48 kHz)
Unable to switch the machine OFF	Power delay set to MANUAL	Hold shift while selecting STOP and keep shift pressed for 2 secs.
Unable to switch the machine on although power is connected to the 4 pin XLR connector	The power available is lower in voltage than the current BAT setting will allow (e.g. external 9V)	Press the BAT switch while turning the main selector and then verify the setting of the battery menu. If necessary select the OTHER position.
The machine will not accept a HDD.	Disk has errors on it and cannot be read correctly	Replace with a new HDD.
		Verify that the HDD switch is on
No disk displayed when HDD is installed	HDD is not formatted FAT	Reformat HDD or replace it
No audio in playback	Disk read error	Probably due to shocks – keep machine still.

ACCESSORIES AND CODE NUMBERS

Description of the different accessories for the NAGRA V along with their code numbers

7031003000 NAGRA VH **NAGRA V, 24 bit portable linear digital HDD recorder**,
Equipped with SINGLE modulometer
(Without battery compartment or hard disk drawer) delivered with:
Carrying strap,
Instruction manual (English edition)

7031004000 NAGRA VHT **NAGRA V, 24 bit portable linear digital HDD recorder**,
Equipped with DOUBLE modulometer
(Without battery compartment or hard disk drawer) delivered with:
Carrying strap,
Instruction manual (English edition)

INTERNAL OPTIONS

7031120000 NV-TC Time code option for NAGRA V, delivered with:
QCTCU Time code cable

7031130000 NV-LIM Internal audio limiter circuit

7031145000 NV-96K High Sampling frequency option for NAGRA V

7031162000 IHD Internal HDD option for NAGRA V (incl. 60 GB disk)

7031152000 HD-40G *Removable drawer including miniature Hard Disk Drive 40 GB*

7031153000 HD-60G *Removable drawer including miniature Hard Disk Drive 60 GB*

EXTERNAL ACCESSORIES

7010540000 ND-PCA Adaptor RS232 (PC) / RS422 (N-D) for serial PC connection
for the operation of the NADCOM softwares

7031110000 NV-LIB Battery box with lithium Ion battery pack 65W, with charger circuit.

7019111000 NA-BB8B Battery Box for 8 "D" cells

7031100000 NV-COM PC Software for NAGRA V

2031150000 NV-PSU *Mains power supply for NV-LIB*

2031155000 NV-CH *Metal Carrying handle for NAGRA-V / ARES-C*

2097940000 NV-NTA *Ambient external NP-1 battery pack adaptor*

2098260000 NV-LISET *Replacement set of Lithium Ion battery pack 65W for NV-LIB*

2099185000 NV-SCC *Soft carrying case for NAGRA V equipped with NV-LIB battery box*

2097230000 NV-DRAW *Removable drawer for miniature Hard Disk (Empty)*

CABLES

2097935000 HD-PCM *PCMCIA / IDE adapter from HDD to PC*

2097937000 HD-USB *USB2 / IDE adapter from HDD to PC*

2097939000 HD-FW *FIREWIRE / IDE adapter from HDD to PC*

2095970000 CXLR-FM *3-pin XLR Cable male-female 1.5 m (5 ft)*

2095971000 CXLR-FF *3-pin XLR Cable female-female 1.5 m (5 ft)*

2095972000 ECXLR-FM *3-pin XLR Cable male-female 10 m (33 ft)*

7010901000 DCR *Microphone input cable DIN 3F-XLR M 1.5 m (5 ft)*

7016908000 QCTC *Time code cable Lemo-Lemo*

7031140000 NV-CDI *Digital input cable 15-pin mini "D" XLR 3-pin female 1.5m (5 ft)*

2095974000 C-LIN-FF *Line input cable 15-pin mini "D" 2 XLR 3-pin female 1.5m (5 ft)*

2095973000 C-LIN-MM *Line input cable 15-pin mini "D" 2 XLR 3-pin male 1.5m (5 ft)*