CABLE	COLOR	CODE
1	=	Brown
2	=	Red
3	=	Orange
4	=	Yellow
5	=	Green
6	=	Blue
7	=	Violet
8	=	Grey
9	=	White
0	=	Black
X	=	Pink

MIKE INPUT N°1
MIKE INPUT N°2
MICROPHONE PREAMPLIFIER
MICROPHONE PREAMPLIFIER
Auto 1&2
SW 2a
SW 2b
Auto 1
Manual
LINE INPUT Z = 100 KΩ 0,37 ÷ 150 V
„ACC"
SW 1a
„MIXER"
REPRODUCING HEAD
PLAYBACK PREAMPLIFIER
PLAYBACK AMPLIFIER
15" 7.5" 3.75"
DIRECT AMPLIFIER & REF. SIG. GENERATOR (& SW 9)
Linear in
Roll off in
MIKE 1
LINE & PLAYBACK
MIKE 2
100pF
MODULOMETER
Meter
A.L.C.
SW 2c
RECORDING AMPLIFIER (& SW 8)
Speed
Fading
To ground
To -10V
LINE AMPLIFIER & TRANSFORMER
LINE OUTPUT 4,4 V in 600Ω
1,5 nF
2,5 K
PHONES
50Ω
DIRECT
LINE & PHONES
SW 4
TAPE
L.S. AMPLIFIER
power
SW 1b
PILOT AMPLIFIER & OSCILLATOR
Audio in
Bias
Pilot playback
Pilot rec.
ERASE HEAD
RECORDING HEAD
PILOT HEAD
1mA
100Ω
SW 3
1MΩ
33K
22K
10K
150K
47K
100K
RECEIVER
Audio
Clap
Alarm
CRYSTAL PILOT GENERATOR
„PILOT"
Pilot in
FREQUENCY METER
Alarm
SYNCHRONIZER & V - METER
Pilot play
Speed corr
Alarm -10V,H
RECORD PILOT & CLAPPER
Clap out
Pilot rec
Clap in
Alarm +8 V -10 V
TACHOMETER HEAD
MOTOR
VOLTAGE & SPEED STABILIZER
A-m
V-m
Speed correction
stop
-10V
Acc.
SV ADJ
„AR"
SW 5
BATTERIES
POWER
EXTERNAL
"POWER PACK"
12 x 1,5 V
0,1 µF
SW 1e
SW 1f
SW 1c
SW 1d
10nF
1K
100Ω
SW 6
Forward in only
Rewind
SW 7
N.O.
N.C.
RECORD
FADING
TEST
STOP
PLAYBACK
SW 1
PLAYBACK & S.L.

Modification:	Valid from ser. N°:	KUDELSKI – Dept. NAGRA · CHESEAUX CH 1033 Switzerland · TELEX 24 392 NAGRA MAGNETIC RECORDERS INC. 565 Fifth Avenue – New York, N.Y. 10017 Phone: (212) 661 8066
Print. circuit N°:	This drawing is confidential and may not be divulged in whole or in part to a third party.	
BLOCK DIAGRAM	NAGRA IV L	Drawn / Controlled / Checked / Printed
Copy:	KUDELSKI	5.04.0.01