THE MODULAR NAGRA

STANDARD 1/4" TAPE RECORDER

By

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THE NAGRA 4.2

SIMPLIFICATION AND CONSOLIDATION

The NAGRA 4.2 consolidates the most frequently requested features of all previous NAGRA recorders into one recorder and eliminates the confusion of the many models. The NAGRA 4.2 replaces but does not obsolete the NAGRA IV L and IV D models. It uses the same modular pre-amps, camera speed indicator, self resolver, time sync generator, automatic level control, and accessories as the NAGRA IV.

THE NEW FEATURES INCLUDE:

1. Elimination of "Fade-in" feature
2. Switch Control of Limiter "in" or "out"
3. Push Button Control of Reference Oscillator
4. Hardened Aluminum Case
5. Direct versus Reproduce Level Measurement
6. Improved Dialogue Equalization
PRICE LIST — EFFECTIVE FEBRUARY 2, 1973

THE MODULAR NAGRA

NAGRA 4.2 L Synchronous Recorder (Note 1).................................

SELECT INTERNAL MODULES ANYTIME BEFORE OR AFTER PURCHASE (Note 2)
Add two pre-amplifiers
QPSE-200-XOYO (Can be strapped for 50 ohms.) General Use ..................
QP3-5 For Sennheiser Static 5 MKH 105, 405, 415, 805 & 815
Neumann Type KM 73, 74 & 76 ..............................................
QP3-4 For Sennheiser Static 4 MKH 104, 404 & 804 ..........................
QP6-6 High Level Input (For Additional "Line Input") ........................
Add ALC—For Automatic Mixing of Speeches, Meetings, Interviews
But Not for Dramatic Sound Recording ......................................
Add QFM-60—Camera Speed & Flicker Indicator (50 Hz units also available)
Add QSU—Self Resolver & Sync Playback ...................................
Add QGX—Time Sync Generator eliminating cables when working with
crystal controlled camera (can be strapped for 50 Hz.) ...................

TOTAL COST OF SELECTED RECORDER & MODULES........................

NOTE 1. All NAGRA 4.2 recorders are 3 speed and are equipped with Limiters under switch control.
NOTE 2. If possible, the selection of pre-amplifiers and ALC should be made at time of purchase to allow for a com-
plete check at a service depot.

NAGRA CABLES

MICROPHONE CABLES AND ADAPTERS
(2-wire with shield)
4' Microphone cable w/XL plugs .............................................
25' Microphone cable w/XL plugs ...........................................
50' Microphone cable w/XL plugs ...........................................
100' Microphone cable w/XL plugs .........................................
Adapter 1' 3-pin XL Fe to 3-pin XL Fe ...................................
Adapter 4' 3-pin Cannon XL M to 3-pin
Tuchel Fe (for foreign microphones) ......................................
Three section collapsible microphone
fishpole with cable ...............................................................  
NOTE: The Ryder Magnetic Sales Corp. new type 2-wire microphone cables will pick up less radio and static than the
old standard 2-wire microphone cables. The 2-wire cables are compatible with 3-wire cables.

SYNC CABLES
Ryder Generator to NAGRA ......................................................
4' ....................................................................................
25' ...................................................................................
50' ...................................................................................
(SPECIFY FOR III OR IV/4.2)

Arriflex (Early) to NAGRA
4' ....................................................................................
25' ...................................................................................
50' ...................................................................................

SYNC—BLOOP CABLES
Arriflex S, M, BL or 35mm also Eclair NPR
4' ....................................................................................
25' ...................................................................................
50' ...................................................................................
Specify camera make, model, number of pins and type of
socket.

CONNECTORS, PLUGS AND FUSES
Tuchel 3, 4, 6 and 7-pin cable or panel connectors ......................... ea.
NAGRA Banana Plugs ................................................................ pr.
Metric size fuses for ATN and SLO ........................................ five for
ACCESSORIES FOR NAGRA III, IV & 4.2

QHT "Eveready" leather case (for IV & 4.2)
QHTP "Eveready" leather case with pocket (for IV & 4.2)
HTN "Eveready" leather case (for III)
DH Portable 6 watt Amplifier-Loudspeaker (Specify recorder type)

QFC Couples two Nagra IV's to make one continuous recording.
QHTP "Eveready" leather case with pocket
QCL In-line amplifier to use SLO with Nagra IV & 4.2
AMS Preamplifier (Sennheiser MKH 104, 404, 804)
HTN "Eveready" leather case (for III)
DH Portable 6 watt Amplifier·Loudspeaker
QCB In-line Amplifier to Adapt BMT to (Specify recorder type) ............
BMT 3 Microphone Mixer with input transformers
SLO Synchronizer for self-resolving (for III, IV & 4.2)
QSV Speed Varier (for IV Only)
QHTN Internal Self-Resolver and Sync Playback (For IV & 4.2)
QXQ-60 Hz. Internal Time Sync Generator (For IV & 4.2)
WFM Wow and Flutter Meter
QPC Sync Transformer / Filter for use with Multi-Duty Motors (For IV & 4.2)

TECHNICAL DATA — NAGRA 4.2

DIMENSIONS: 12.5" x 8.7" x 4.9"
WEIGHT: 11 lb. 9 oz. without tape or batteries
POWER CONSUMPTION: In Test Mode 100mA
In Playback Mode 200mA
In Recording Mode 250mA
BATTERIES: 12 Standard flashlight "D" Cells
ELECTRONICS: All silicon transistors and tantalum condensers
TAPE SPEED: 15 ips, 7.5 ips, 7/4 ips
REEL DIAMETER: 7/8" with cover open, 5" with cover closed
REEL TIMES:
- 1/2" Tape 30 min. (15 ips) 7 min. (7.5 ips)
- 1/2" Tape 1 hour (15 ips) 20 min. (7.5 ips)
- 3/4" Tape 15 min. (15 ips) 10 min. (7.5 ips)
- 3/4" Tape 20 min. (15 ips) 14 min. (7.5 ips)
SPEED REGULATION: 1% or better
Rewind: Fast rewind and fast forward controls
MAGNETIC HEADS: REEL • REEL
1. High frequency erase head with double gap.
2. Full track record head. 1 Full track playback head.
3. Reposition sync track head with high frequency bias.
4. Hi-pass at low frequency
5. Low frequency attenuation
6. More severe hi-pass
7. 0· 800 filter normally 70 db depending on tape used
EQUALIZATION: 1. Flat
2. Low frequency attenuation
3. Increased low frequency attenuation
4. Hi-pass at low frequency
5. More hi-pass above
6. Lobe filter
7. More hi-pass above
8. Lobe filter

REFERENCE OSCILLATOR: 1 KHz square wave at —10 db nomodulator
AUTOMATIC GAIN CONTROL: Switch position permits manual or automatic volume control of one or both microphone inputs.

DEALER

United States Distribution — Service — Sales

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