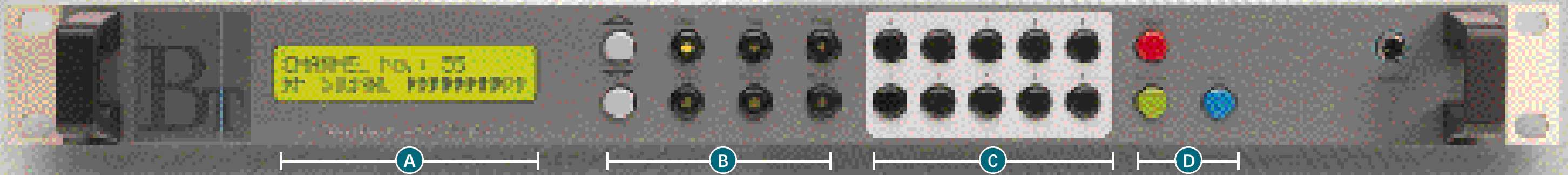


FRONT PANEL



A STATUS DISPLAY

Backlit LCD provides clear viewing of status and unit configuration, with auto scroll facility.

Information includes:

- IF/RF Source select
- Channel
- Frequency
- Program
- Signal Strength
- Audio Selected
- Audio Line Level
- NICAM EC/BTSC
- Audio Monitor
- Monitor Level
- Frequency Table
- AFC
- ZCP
- Serial Control
- Alarms
- RF Alarm Level

B FUNCTION KEYS

'CHANNEL' use key to tune by channel number from selected frequency table.
 'FREQUENCY' key allows tuning by direct entry of frequency via keypad.
 'PROGRAM'. Up to 99 program configurations may be stored in memory and recalled using the 'program' key.
 'UP/DOWN' keys. Select 'Channel', 'frequency' or 'program' followed by keypad entry or use 'up/down' keys with auto repeat.

FUNCTION KEYS (contd)

'AUDIO' key enables audio preference of selected Audio sources to XLR connectors with line output level control.
 Selection of NICAM/BTSC Auto-mute parameters (where applicable).
 'MONITOR' key selects menu control of audio source and level for headphone monitoring.
 'CONFIG' Configuration, and additional facilities may be selected using the associated menu and up/down keys.

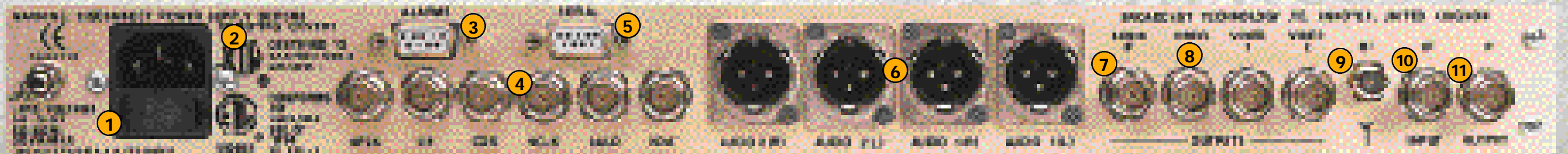
C NUMERIC KEYS

'KEYPAD'. For numeric entry of Channel, Frequency or Program.

D ENTRY KEYS

'CLEAR' cancels function key selection and incorrect keying.
 'MEMORY' enables program configuration to be stored in memory.
 'ENTER' accepts keyed entry

REAR PANEL



1 MAINS INPUT

Universal input accepts 95 to 240V AC Frequency 50/60 Hz.

2 CERTIFICATION AND COMPLIANCE

Designed to meet EC Directive 89/336/EEC, EN 50081-1 and EN 50082-1 FCC Compliance. ANSI/ISA, UL3111-1 and CAN/CSA Approvals.

3 ALARM OUTPUTS

9 Way D type connector providing alarm outputs for loss of RF, Video, NICAM or Power.

4 NICAM AND DATA OUTPUTS

- QPSK: NICAM intercarrier signal
- SIN & COS: Sine and Cosine demodulated Digital waveforms for 'eyeheight' measurement.
- NCLK: NICAM Clock Output
- DAUD: IEC/EBC 958 Digital Audio Output
- NDAT: NICAM Data Output

5 REMOTE CONTROL

Serial Control via 9 Way D type. RS232/RS485 menu selectable.

6 AUDIO OUTPUTS

AUDIO 1, AUDIO 2 stereo/mono output pairs available on XLR connectors.

Outputs configured using 'AUDIO' menu.

7 AUDIO IF OUTPUT

Mono FM sound carrier output available for remodulation.

8 VIDEO OUTPUTS

3 video outputs provided via BNC connectors. 1V/75 Ohms.

9 ANTENNA INPUT

'F' type connector.

10 IF INPUT

Providing facility for demodulation at IF. IF input selected via 'CONFIG' menu.

11 IF OUTPUT

Output of full vestigial sideband and sound sideband and sound carriers available for demodulation for use in Cable Head Ends or Antenna Converters. Output level adjustable via 'CONFIG' menu.