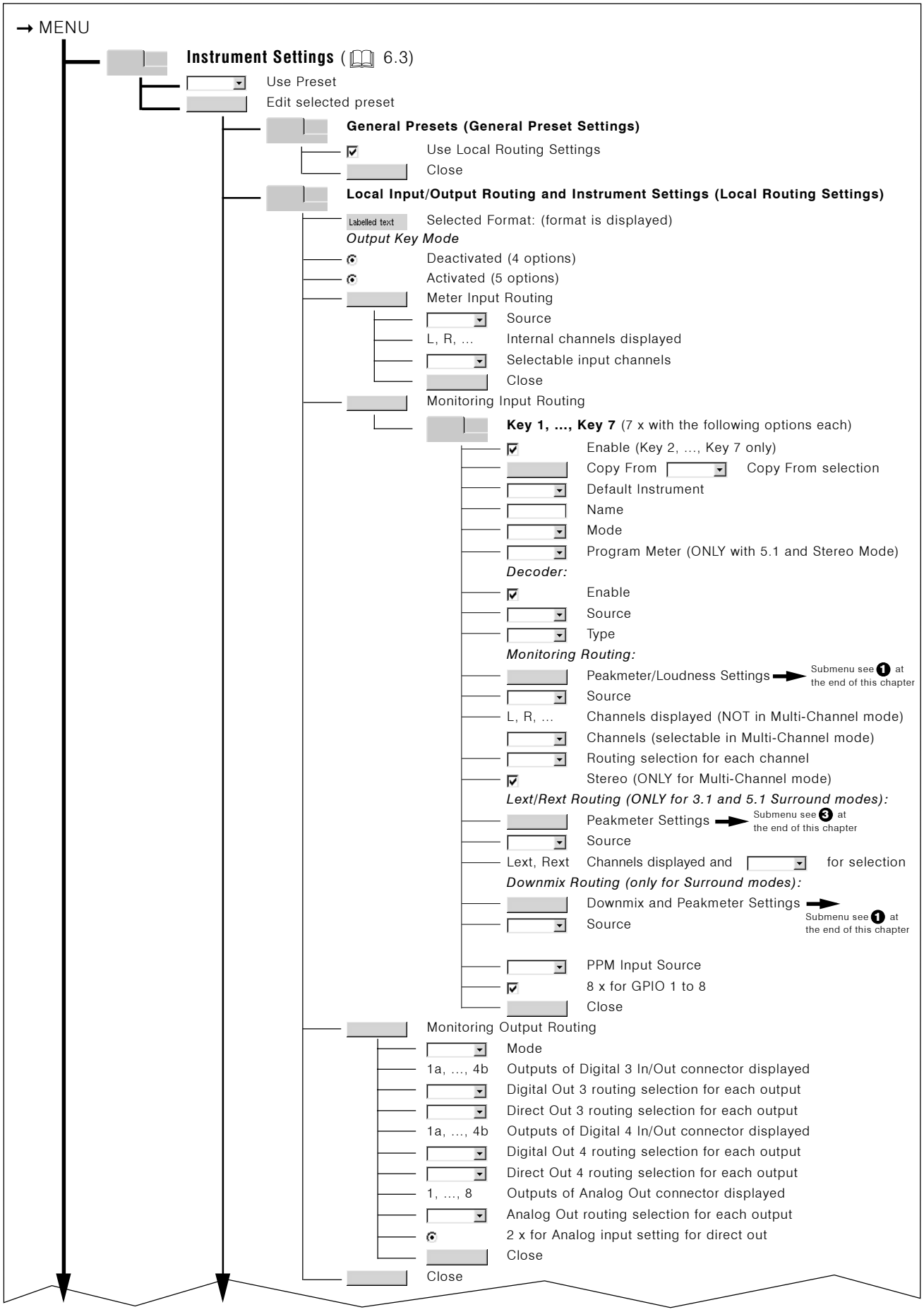
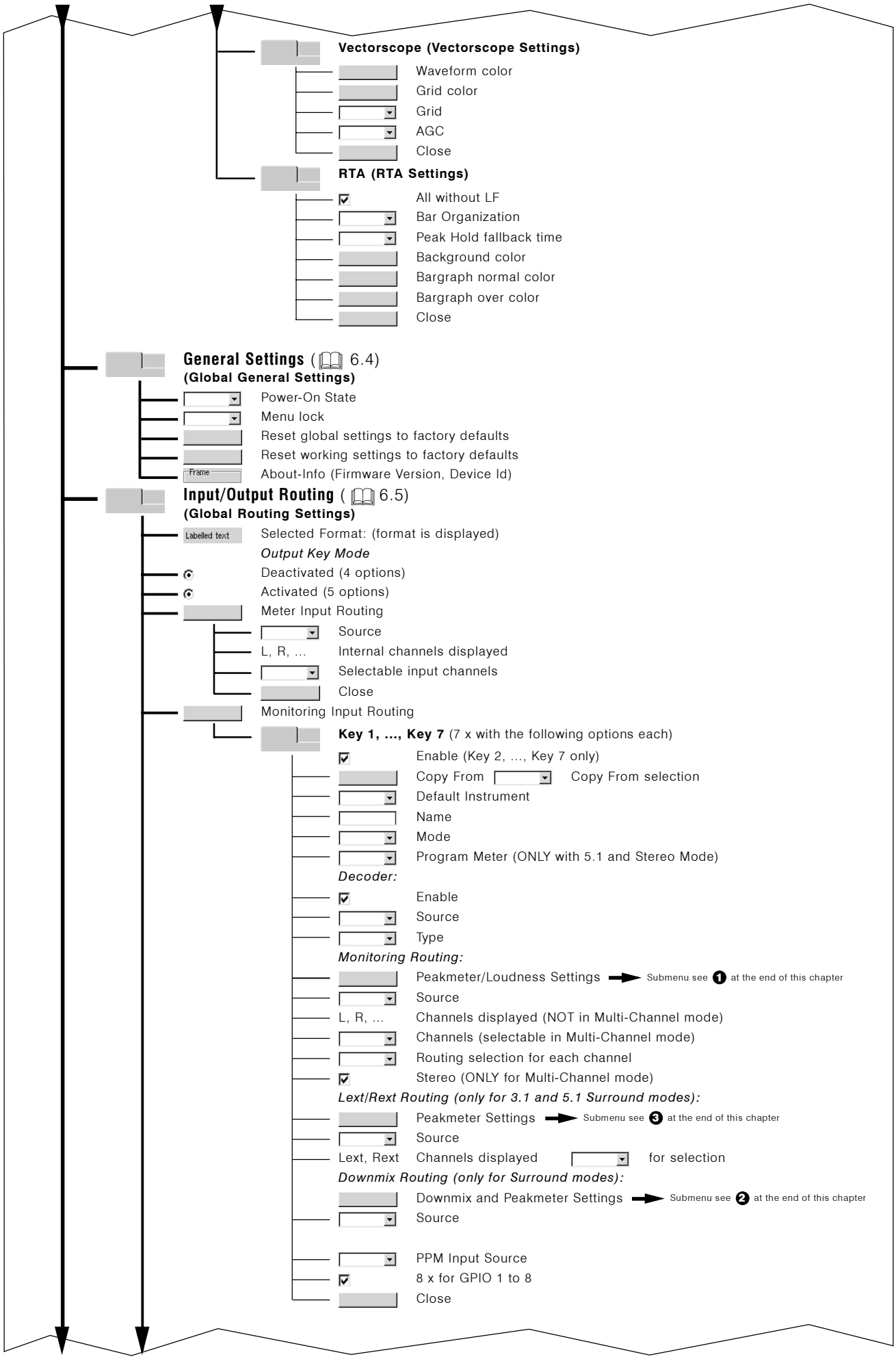
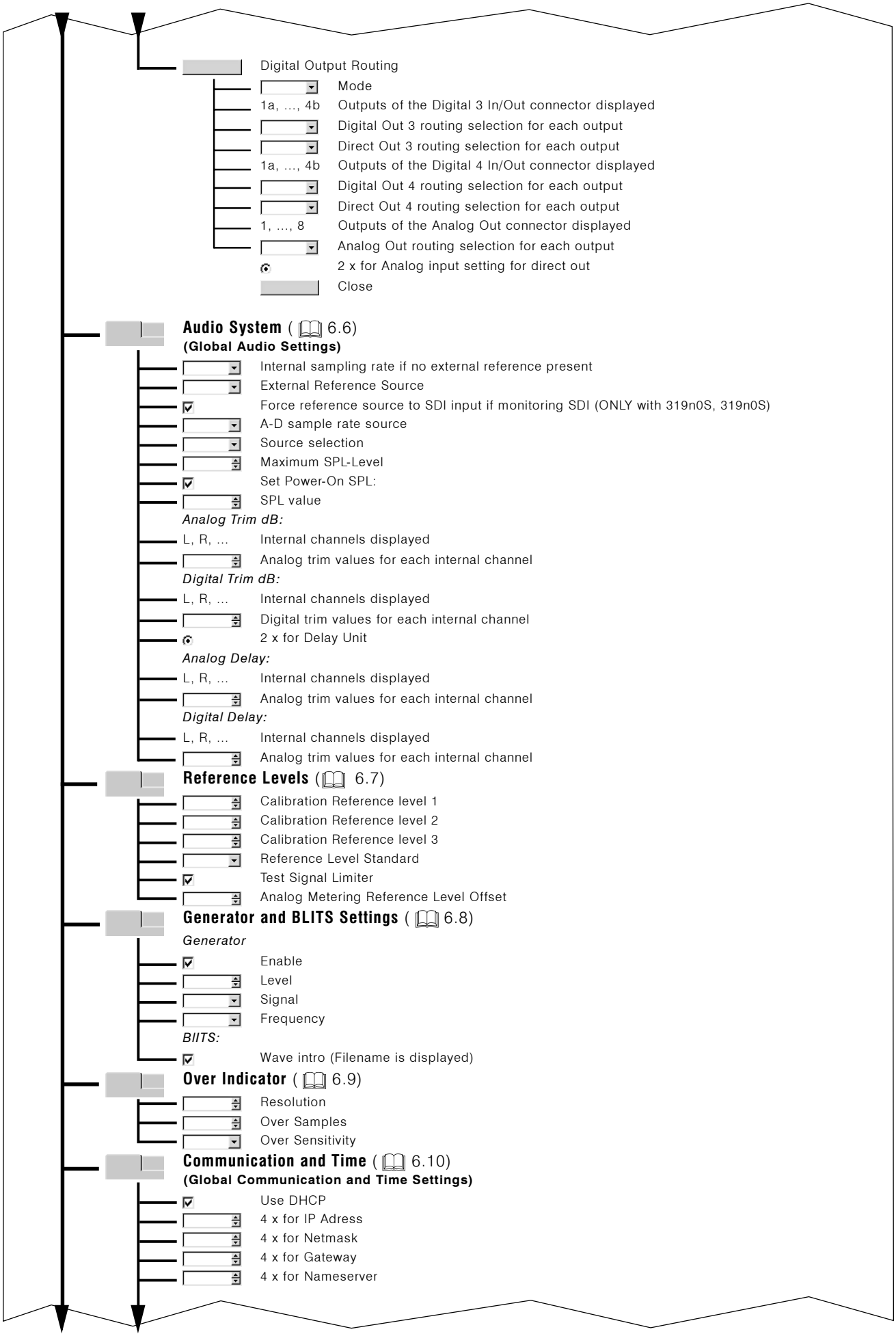

→ MENU
Instrument Settings (📖 6.3)
Use Preset
Edit selected preset
General Presets (General Preset Settings)
Use Local Routing Settings
Close
Local Input/Output Routing and Instrument Settings (Local Routing Settings)
Labelled text
Selected Format: (format is displayed)
Output Key Mode
Deactivated (4 options)
Activated (5 options)
Meter Input Routing
Source
L, R, ...
Internal channels displayed
Selectable input channels
Close
Monitoring Input Routing
Key 1, ..., Key 7 (7 x with the following options each)
Enable (Key 2, ..., Key 7 only)
Copy From
Copy From selection
Default Instrument
Name
Mode
Program Meter (ONLY with 5.1 and Stereo Mode)
Decoder:
Enable
Source
Type
Monitoring Routing:
Peakmeter/Loudness Settings
Submenu see ❶ at the end of this chapter
Source
L, R, ...
Channels displayed (NOT in Multi-Channel mode)
Channels (selectable in Multi-Channel mode)
Routing selection for each channel
Stereo (ONLY for Multi-Channel mode)
Lext/Rext Routing (ONLY for 3.1 and 5.1 Surround modes):
Peakmeter Settings
Submenu see ❸ at the end of this chapter
Source
Lext, Rext
Channels displayed and
for selection
Downmix Routing (only for Surround modes):
Downmix and Peakmeter Settings
Submenu see ❶ at the end of this chapter
Source
PPM Input Source
8 x for GPIO 1 to 8
Close
Monitoring Output Routing
Mode
1a, ..., 4b
Outputs of Digital 3 In/Out connector displayed
Digital Out 3 routing selection for each output
Direct Out 3 routing selection for each output
1a, ..., 4b
Outputs of Digital 4 In/Out connector displayed
Digital Out 4 routing selection for each output
Direct Out 4 routing selection for each output
1, ..., 8
Outputs of Analog Out connector displayed
Analog Out routing selection for each output
2 x for Analog input setting for direct out
Close
Close


Vectorscope (Vectorscope Settings)
Waveform color
Grid color
Grid
AGC
Close
RTA (RTA Settings)
All without LF
Bar Organization
Peak Hold fallback time
Background color
Bargraph normal color
Bargraph over color
Close
General Settings (6.4)
(Global General Settings)
Power-On State
Menu lock
Reset global settings to factory defaults
Reset working settings to factory defaults
Frame
About-Info (Firmware Version, Device Id)
Input/Output Routing (6.5)
(Global Routing Settings)
Labelled text
Selected Format: (format is displayed)
Output Key Mode
Deactivated (4 options)
Activated (5 options)
Meter Input Routing
Source
L, R, ...
Internal channels displayed
Selectable input channels
Close
Monitoring Input Routing
Key 1, ..., Key 7 (7 x with the following options each)
Enable (Key 2, ..., Key 7 only)
Copy From
Copy From selection
Default Instrument
Name
Mode
Program Meter (ONLY with 5.1 and Stereo Mode)
Decoder:
Enable
Source
Type
Monitoring Routing:
Peakmeter/Loudness Settings
Submenu see 1 at the end of this chapter
Source
L, R, ...
Channels displayed (NOT in Multi-Channel mode)
Channels (selectable in Multi-Channel mode)
Routing selection for each channel
Stereo (ONLY for Multi-Channel mode)
Lext/Rext Routing (only for 3.1 and 5.1 Surround modes):
Peakmeter Settings
Submenu see 3 at the end of this chapter
Source
Lext, Rext
Channels displayed
for selection
Downmix Routing (only for Surround modes):
Downmix and Peakmeter Settings
Submenu see 2 at the end of this chapter
Source
PPM Input Source
8 x for GPIO 1 to 8
Close


Digital Output Routing
Mode
1a, ..., 4b
Outputs of the Digital 3 In/Out connector displayed
Digital Out 3 routing selection for each output
Direct Out 3 routing selection for each output
1a, ..., 4b
Outputs of the Digital 4 In/Out connector displayed
Digital Out 4 routing selection for each output
Direct Out 4 routing selection for each output
1, ..., 8
Outputs of the Analog Out connector displayed
Analog Out routing selection for each output
2 x for Analog input setting for direct out
Close
Audio System (6.6)
(Global Audio Settings)
Internal sampling rate if no external reference present
External Reference Source
Force reference source to SDI input if monitoring SDI (ONLY with 319n0S, 319n0S)
A-D sample rate source
Source selection
Maximum SPL-Level
Set Power-On SPL:
SPL value
Analog Trim dB:
L, R, ...
Internal channels displayed
Analog trim values for each internal channel
Digital Trim dB:
L, R, ...
Internal channels displayed
Digital trim values for each internal channel
2 x for Delay Unit
Analog Delay:
L, R, ...
Internal channels displayed
Analog trim values for each internal channel
Digital Delay:
L, R, ...
Internal channels displayed
Analog trim values for each internal channel
Reference Levels (6.7)
Calibration Reference level 1
Calibration Reference level 2
Calibration Reference level 3
Reference Level Standard
Test Signal Limiter
Analog Metering Reference Level Offset
Generator and BLITS Settings (6.8)
Generator
Enable
Level
Signal
Frequency
BIITS:
Wave intro (Filename is displayed)
Over Indicator (6.9)
Resolution
Over Samples
Over Sensitivity
Communication and Time (6.10)
(Global Communication and Time Settings)
Use DHCP
4 x for IP Adress
4 x for Netmask
4 x for Gateway
4 x for Nameserver

- ☑ Use NTP Server
- Set time from NTP server
- NTP Server Name
- 3 x for Year, Month, Day of month
- 3 x for Hour, Minute, Seconds
- Timezone
- Set time manually

Alarm Configuration (📖 6.11)

(Global Alarm Settings)

Alarms General Settings

- ◉ on/off
- Output Signal Timing
- Output Logic

Alarms Threshold Settings

- Analog Threshold Over Alarm
- ☑ PML
- Analog Silence Alarm
- Digital Threshold Over Alarm
- ☑ Headroom
- Digital Silence Alarm

Alarms Timing

- Threshold Over Attack Time
- Silence Attack Time

Alarms-Event Type Selection

- 8 x for Output 1 to Output 8

GPIO Configuration (📖 6.12)

(Global GPIO Settings)

- Output 1..8 GPIO outputs displayed
- 8 x for Function
- 8 x for Output Signal Timing
- 8 x for Output Logic

Key Settings (📖 6.13)

Preset Recall Mode

- ◉ Off
- ◉ All Keys
- ◉ GPI Only

Display Mode for External Monitoring

- ◉ No Change
- ◉ Surround Sound Analyzer
- ◉ Vectorscope

Display Mode for Downmix Monitoring

- ◉ No Change
- ◉ Surround Sound Analyzer
- ◉ Downmix Meter

Disable Keys/GPI

- ☑ Serial Remote Function/Control Keys
- ☑ Serial Remote Channel Keys
- ☑ Serial Remote Input/Output Select Keys
- ☑ Serial Remote DIM Key
- ☑ Remote Display Keys
- ☑ GPI (Parallel Remote)
- ☑ GPI DIM Key
- ☑ GPI DIM Key non-latching
- ☑ GPI Mute Key
- ☑ GPI DIM Key non-latching

Function Mode for Monitoring Channel Keys

- ◉ No Change
- ◉ Surround Sound Analyzer
- ◉ Downmix Meter

Dolby® Settings (📖 6.14)

- Downmix

➔ ❶ ❷ ❸ ❹ ❺ ❻ see the next pages

❶ **Peakmeter Settings** (6.5.2.6)

- Channel Mode (mode is displayed)
- Weighting Filter
- RMS response
- Peak Hold fallback time
- Background color
- Position (each group)
- Channel Group (the number depends on the mode selected) → ❸ ❹
- Close

resp.:

Loudness Settings (6.5.2.9)

- Channel Mode (mode is displayed)
- Filter
- Scale
- Reference
- Background color
- Channel Group (Loudness) → ❺
- Sum Group (Loudness) → ❻
- Close

❷ **Two Channel Downmix Settings** (6.5.2.7)

Downmix Parameter

- Rear (SL/SR)
- Center (SC - 6.1 only)
- Front (C)
- Front (CL/CR - 7.1 only)
- Downmix Mono Matrix

Downmix Vectorscope

- Waveform color
- Grid color
- Grid
- AGC
- Channel Group
- Close

❸ **Peakmeter – Channel Group** (6.5.2.8)

→ **Settings separately for each Channel Group:**

- Peakmeter - Channel Group 1 to 4, (except Channel Group 3 in Surround modes, see ❹),
- Lext/Rext - Channel Group,
- Downmix - Channel Group

- Mode Selected (mode is displayed)
- Mode Select (ONLY with Channel Group 2 in Surround and some Multi-channel modes)
- Standard Settings Digital
- Scale
- Integration time
- PH Integration time
- DC-Filter
- Headroom
- Operation indicator area
- Standard Settings Analog
- Scale
- Integration time
- PH integration time
- Operation indicator area
- VU-Lead
- Grid color
- Label Font color
- Bargraph enabled ***)**
- Bargraph normal color ***)**
- Bargraph operation color ***)**
- Bargraph over color ***)**
- RMS indicator color ***)**
- Bargraph background color ***)**
- Tracklayout (surround modes only)
- SPL Reference indicator
- Close

***)**: one button for each channel

❹ **Peakmeter – Channel Group** (6.5.2.8)

→ **In Surround Modes settings for:**

- Peakmeter - Channel Group 3

- Mode Selected: SPL (displayed)
- Grid color
- Label Font color
- RMS indicator color
- Bargraph background color
- Close

❺ Channel Group (Loudness) (6.5.2.10)

Settings for the Channel Group:

- Standard Settings Digital
- Scale
- Integration time
- PH Integration time
- DC-Filter
- Headroom
- Operation indicator area
- Peak Hold fallback time
- Mode
- PPM Type
- Loudness
- Operation indicator area
- Tracklayout (5.1 Surround mode only)
- PPM Grid color
- (PPM) Scale font color
- (PPM) Enabled ***)**
- (PPM) Normal color ***)**
- (PPM) Operation color ***)**
- (PPM) Over color ***)**
- (PPM) Background color ***)**
- Loudness Grid color
- (Loudness) Label/scale/numeric font color (3 x)
- (Loudness) Enabled ***)**
- (Loudness) Normal color ***)**
- (Loudness) Operation color ***)**
- (Loudness) Over color ***)**
- (Loudness) Background color ***)**
- Close

***)**: one check box/button for each channel of 5.1 Surround mode or 2-Channel Stereo mode

❻ Sum Group (Loudness) (6.5.2.11)

Settings for the Sum Group:

- General
- Alarm Threshold
- Alarm Hold
- Momentary
- Integration time
- Integrated
- Weighting time
- Longterm
- Use Threshold
- Threshold mode
- Threshold absolute (with “fixed” Threshold mode)
- Threshold offset (with “dynamic” Threshold mode)
- Integration time (2 x for days and hours)
- Recalc data
- Operation indicator area
- Grid color
- Label/numeric font color (2 x)
- Channel (3 x)
- Bargraph enabled (3 x)
- Bargraph normal color (3 x)
- Bargraph operation color (3 x)
- Bargraph over color (3 x)
- Bargraph background color (3 x)
- Numerical enabled (ONLY for “I” and “L” value)
- Channel Weighting ITU BS.1771 Format 5.1
  5 x for Left, Right, Center,
  Left Surround, Right Surround
- Close