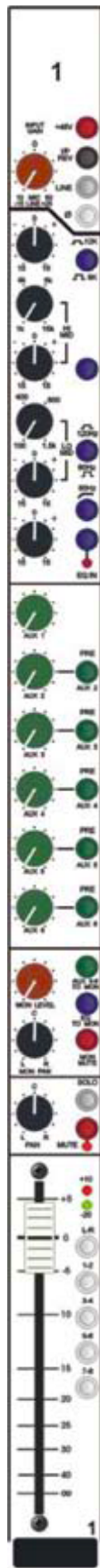


# Toft Series ATB Simplified Operations Manual



## INPUT MODULE - Simplified

### Input (1 - 16)

- Switchable MIC/LINE input (*press 'MIC' to select mic signal/'LINE' to select tape*)
- Lines 1 - 8 = Analog Multitrack Output / Lines 9 - 16 = Digital Multitrack Output / Mics 1 - 8 = Front Rack Panel / Mics 9 - 12 = Booth Panel
- Variable gain control (*use 12 o'clock/straight up as starting point; adjust as needed*)
- Phantom power (+48VDC) ON/OFF for capacitance mics ONLY
- Polarity ('PHASE') switch to invert polarity of input signal

### Equalizer

- Four 'bands' (ranges) that allow control over the audio spectrum.
- Boost or cut of 15dB w/ centre detent control
- *Initially set each to '0' as starting point*
- Two overlapping sweep frequency ranges
- 80Hz (high pass) filter can be switched in or out
- Equalizer section switchable between the input channel & the monitor channel (*see Monitor Section below*)

### Auxiliary Sends (for EFX & Cue)

- Six auxiliary sends total; *initially set those used to 12 o'clock & adjust as needed*
- Aux 1 is permanently pre-fader
- Auxes 2-6 can be switched pre or post the channel fader.
- Auxes 5-6 can be selected between the channel or monitor path (*see Mon Section*)
  - Aux 1 & 2 directly feed to the Lexicon MX200 Effects Processor
  - Aux 3 & 4 directly feed to the TC M350 Effects Processor
  - Aux 5 & 6 directly feed to the Cue / Headphone System
- **\*\* See Aux Master Section to adjust overall level \*\***

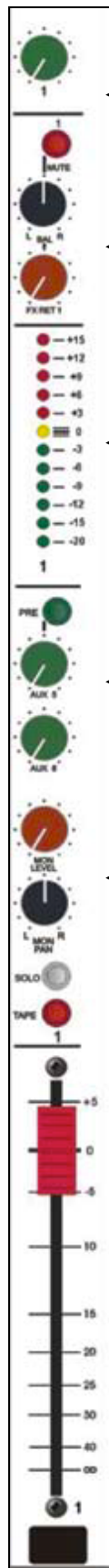
### Monitor Section (used for Recording Project)

- to monitor a reproduce (repro) channel from a multi-track recording device
- separate signal path which feeds the master remix outputs
- PANPOT to allow panning between outputs for this tape signal
- used during 'recording' & 'overdubbing', or as addn'l inputs during 'mixing'
- 'AUX 5/6 TO MON' depressed to derive Cue System feed from recorder
- 'EQ TO MON' depressed to allow equalizer use on recorder return

### Channel Fader & Routing

- controls level of 'input' signal feeding to submaster or master output section; *initially set to ~ -5 to -10 on channels used & adjust as needed*
- PANPOT to allow panning between outputs for this signal
- 'MUTE' button allows signal to be cut-off from passing further
- 'SOLO' button allows signal to be monitored post-fade but before the master output (to adjust input gain trim to optimal level)
- output selector L/R assigns to stereo submaster section (mixing); and 1/2, 3/4, 5/6, 7/8 to appropriate submaster output section (recording/overdubbing)

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## SUBMASTER MODULE - Simplified

**Auxiliary Master Send**

- Adjust for control over combined individual Aux Sends 1 - 6 to Effects Processors
- *Set those used for between 12 o'clock (straight up) & 3 o'clock initially*

**Auxiliary Return**

- Controls level of signal returning from Effects Processors (e.g. reverb) to the Stereo Submaster; *initially set those used to ~ 12 o'clock*
- *RETURN 7 is a direct feed from the Lexicon MC200; RETURN 8 from the TC M350.*
- Panpot affects L/R balance for these signals to Stereo Master (leave @ 12 o'clock)
- MUTE turns on/off

**Submaster Metering (used during Recording)**

- Indicates signal level of each submaster output (post-fader) OR multitrack return (see Submaster Fader section below)
- Should be indicating less than full scale at any time, nominally @ 0
- Used during recording/ overdubbing

**Auxiliary Sends (may be used during Recording)**

- Allows submaster signal to be directed to Aux 5 and/or Aux 6
- Typically used during recording/overdubbing to derive stereo headphone feed for musicians
- Also used for feed to aux effects (e.g. reverb)

**Submaster Monitor Section (may be used during Recording)**

- Allows control of feed to stereo (L/R) submaster output
- Panpot allows panning between L/R as needed
- Depress 'SOLO' to feed submaster output directly to solo function for listening
- 'TAPE' button selects whether the 8 track recorder return, or the send to the recorder, feed to the L/R monitoring output
- Metering follows this selection, and will reflect this change.

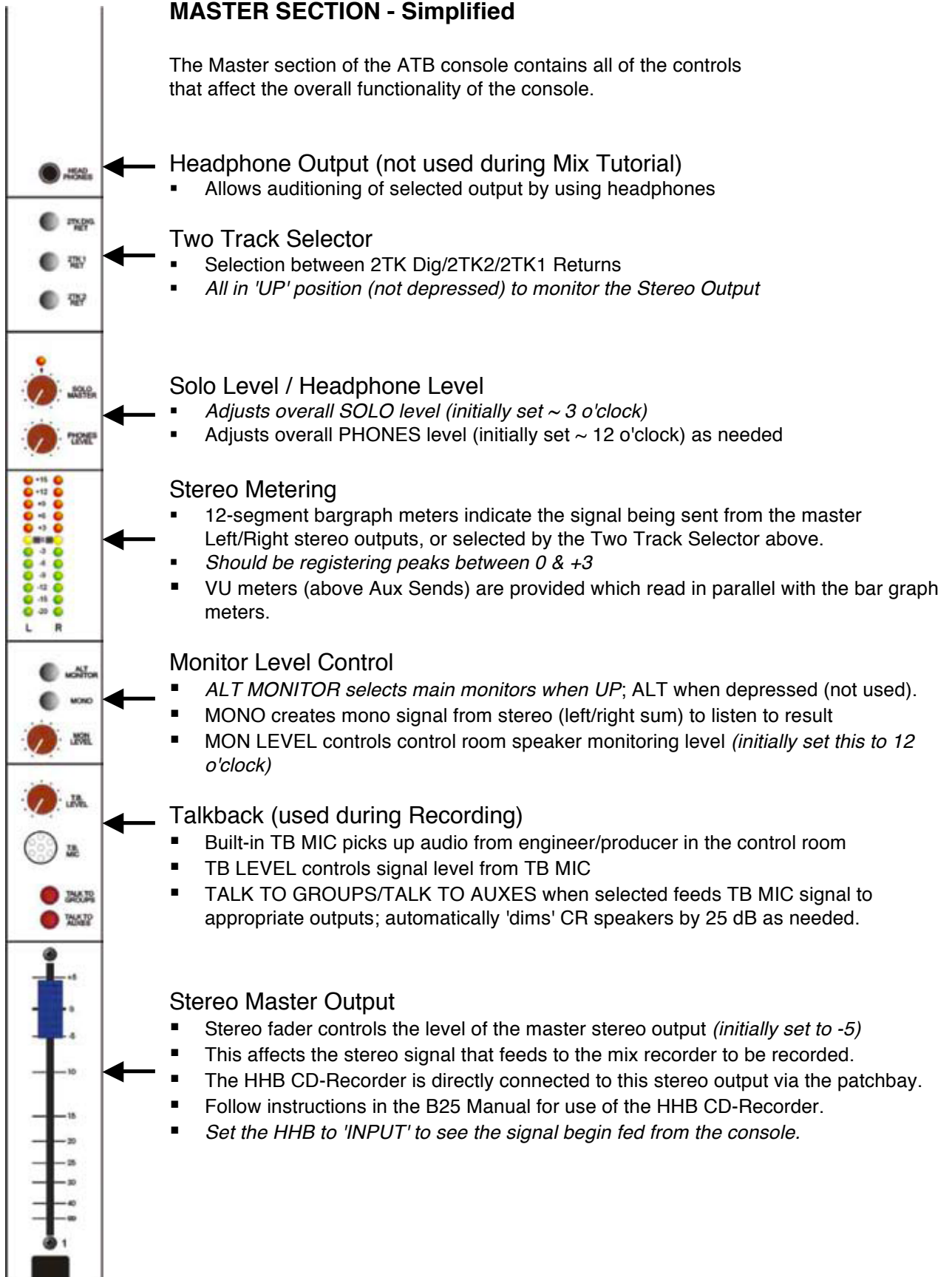
**Submaster Fader & Routing (used during Recording)**

- Allows control of the output level of each of the 8 subgroup masters (to the multitrack)
- Initially set those used to '0' (typical)
- Level is indicated by a 12 segment bar graph display (see *Monitor Section* above)

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## MASTER SECTION - Simplified

The Master section of the ATB console contains all of the controls that affect the overall functionality of the console.



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## SERIES ATB SYSTEM FLOW DIAGRAM

