

# 442 and 442 N Setup Menu Chart - firmware v.5.06

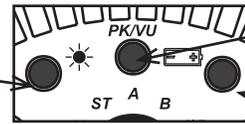
## To enter setup mode:

1. Turn off mixer if already on.
2. Hold the PK/VU button down while powering the mixer.
3. Setup mode is active when the -30 LED is flashing.

## To advance between setups:

1. Use the PK/VU button to advance to the next user setup.
2. You can only advance forward to the next setup.
3. If you pass a setup, you must re-enter setup mode to continue.

Use the meter brightness button to change values to the left.



Use PK/VU button to advance to the next user setup. If you pass the needed setup, re-enter setup mode.

Use the battery check button to change values to the right.

Meter	Setup Menu Option	Description	Setting (value on R meter)
-30 (-30)	Output Lim. Thres. Adj.	Sets the output limiter threshold in dBu	1 dB increments from +4 dBu to <b>+20 dBu</b> at Line Level output
-20 (-24)	Input Lim. Defeat	Keeps Input limiters OFF when the LIM switch is activated	<b>-30</b> (-30) = OFF, -20 (-24) = ON
-14 (-22)	Balanced TA3 Output Level	Selects the nominal output level of the active-balanced TA3 outputs	<b>-30</b> (-30) = Line-Level, -20 (-24) = Mic-Level
-12 (-20)	Direct Output Level	Selects the nominal output level of the active-balanced TA3 channel direct outputs	<b>-30</b> (-30) = Line-Level, -20 (-24) = Mic-Level
-10 (-18)	Tone Osc. Freq.	Selects the <i>f</i> of the sine wave setup tone	<b>-30</b> (-30) = <b>1000 Hz</b> , -20 (-24) = 400 Hz, -14 (-22) = 100 Hz
-8 (-16)	Tone Osc. Level	Selects the output level of the tone oscillator in dBu	<b>-30</b> (-30) = OFF, -20 (-24) = -20 dBu, -10 (-18) = -10 dBu, 1 dB increments to +8 dBu, 0 dBu = default.
-6 (-14)	Tone @ Direct Outputs	Selects whether tone is present on the Direct Outputs	<b>-30</b> (-30) = ON, -20 (-24) = OFF
-4 (-12)	Slate Mic ON/OFF	Selects whether slate mic is activated when slate toggle switch is activated	<b>-30</b> (-30) = ON, -20 (-24) = ON with 1 second of 400 Hz tone preceding, -14 (-22) = OFF
-2 (-10)	Comm Mic Function	Allows return A/B toggle to be defeated and be reassigned to send slate mic signal to right TA3 output when toggled	<b>-30</b> (-30) = OFF, -20 (-24) = ON
0 (-8)	PFL Level to Meter	Selects whether PFL level is indicated on the output meter	<b>-30</b> (-30) = ON, -20 (-24) = ON
2 (-6)	Monitor Level to Meter	Selects indication of monitor in signal level on the output meter (post monitor gain control) when the monitor toggle is activated	<b>-30</b> (-30) = OFF, -20 (-24) = ON
4 (-4)	Meter Ref. Level	Selects 0 VU to dBu reference	<b>-30</b> (-30) = 0 VU = 0 dBu, -20 (-24) = 0 VU = +4 dBu, -14 (-22) = 0 VU = +8 dBu, -12 (-20) = 0 VU/Peak = +1 dBu, -10 (-18) = 0 VU/Peak = +2 dBu, -8 (-16) = 0 VU/Peak = +3 dBu, -6 (-14) = 0 VU/Peak = +4 dBu, -4 (-12) = 0 VU/Peak = +5 dBu, -2 (-10) = 0 VU/Peak = +6 dBu, 0 (-8) = 0 VU/Peak = +7 dBu, -2 (-10) = 0 VU/Peak = +8 dBu

\*442N in parenthesis

# 442 and 442N Setup Menu Chart - firmware v.5.06 cont.

Meter	Setup	Description	Setting (value on R meter)
6 (-2)	Split-Ear Monitor A	Changes monitoring to hear program audio in one ear and monitor A in the other ear. Return A is summed and appears in R (right) headphone and L program appears in L (left) headphone. Is only active when Return toggle switch is activated.	<b>-30</b> (-30) = OFF, -20 (-24) = ON
8 (0)	Split-Ear Monitor B	Changes monitoring to hear program audio in one ear and monitor B in the other ear. Return B is summed and appears in L (left) headphone and R program appears in R (right) headphone. Is only active when Return toggle switch is activated.	<b>-30</b> (-30) = OFF, -20 (-24) = ON
10 (2)	RTN Toggle Assignment	Allows the three-position monitor toggle to be assigned depending on preferred monitor connection used	<b>-30</b> (-30) = A OFF B, -20(-24) = B OFF A, -14 (-22) = A OFF A, -12 (-20) = B OFF B
12 (4)	HP Atten. w/Tone	Reduces headphone level by 20 dB when the tone oscillator is activated	<b>-30</b> (-30) = ON, -20 (-24) = OFF
14 (6)	Ext. Bat. V Ref.	Selects the Voltage range of the battery check function with external power. Also adjusts the flashing power LED voltage under external power.	<b>1</b> = -30 (-30), <b>2</b> = -20 (-24), <b>3</b> = -14 (-22), <b>4</b> = -12(-20), <b>5</b> = -10 (-18), <b>6</b> = -8 (-16), <b>7</b> = -6 (-14) see Voltage Metering Chart
16 (8)	Meter Ballistics Select	Selects the meter ballistics options available at the meter selection button.	<b>-30</b> (-30) = PPM VU VU-PPMHold VU-PPM, -20 (-24) = PPM VU-PPMHold VU-PPM, -14 (-22) = VU VU-PPMHold VU-PPM, -12 (-20) = PPM VU-PPM, -10 (-18) = VU-PPM VU-PPMHold
18 (10)	Default Restore	Restores setup menu to the stored user default or to the factory default settings	<b>-30</b> (-30) OFF, -20 (-24) User Default, -14 (-22) Factory Default

\*442N in parenthesis

Voltage Metering Chart

Setting	High Voltage	LED Flash Point	Low Voltage	Power Source
	6.0	4.5	4.0	Internal batteries
1	13.0	11.5	11.0	12 V NiCad, NiMH.
2	17.0	11.5	11.0	Expanded range of setting #1
3	8.5	5.7	5.5	6 V NiMH, Li-ion, etc.
4	14.0	11.4	10.0	12 V Lead Acid
5	7.0	5.7	5.0	6 V Lead Acid
6	17.0	11.5	5.0	Full range of DC input, w/ cutoff for 12 V NiCad, etc.
7	16.3	13.5	12.5	14 V Li-ion rechargeables

← Factory Setting