

ICOM IC-7610

Audio Input Settings – **SSB-mode**

Microphone	MIC Input DC Bias	MIC GAIN	COMP LEVEL	TBW	TX Bass	TX Treble	MONITOR	Remarks	Pile- up	DX	Long cosy chat
HM-219	ON	50%	5	WIDE : 200 - 2900 (2.7 KHz)	+1	+3	OFF*			x x	x x x
	ON	50%	5	MID : 200 - 2700 (2.5 KHz)	+1	+3	OFF*	First choice ON2PCO	x	x x x	x x
	ON	50%	5	NAR : 300 - 2500 (2.2 KHz)	+1	+3	OFF*		x x	x	
SM-20	ON	50%	0 (OFF)	WIDE : 200 - 2900 (2.7 KHz)	+2	+3	OFF*	MIC GAIN SM-20 : 50% LOW CUT SM-20 : OFF		x x	x x x
	ON	50%	0 (OFF)	MID : 200 - 2700 (2.5 KHz)	+2	+3	OFF*	First choice ON2PCO MIC GAIN SM-20 : 50% LOW CUT SM-20 : OFF	x	x x x	x x
	ON	50%	0 (OFF)	NAR : 300 - 2500 (2.2 KHz)	+2	+3	OFF*	MIC GAIN SM-20 : 50% LOW CUT SM-20 : OFF	x x	x	
Heil ProSet Elite IC	ON	60%	3	WIDE : 200 - 2900 (2.7 KHz)	+1	+5	ON – 60%			x x	x x x
	ON	60%	3	MID : 200 - 2700 (2.5 KHz)	+1	+5	ON – 60%	First choice ON2PCO	x	x x x	x x
	ON	60%	3	NAR : 300 - 2500 (2.2 KHz)	+1	+5	ON – 60%		x x	x	

*= monitor function switched off when external speakers activated

NB Settings (can not be left on at all times**)

Level : 15%

Depth : 8

Width : 80

***= keep in mind that using the Noise Blanker (NB) always affects the RX audio quality : scale the NB level in proportion to- and without losing – the (needed) readability of the audio signal.
The percentage mentioned above is adequate at my QTH and, for you, depends on the local circumstances.*

NR Settings (activate only when required)

Level : 3***

****= value depends on the local noise level.*

Preferred Audio Output Settings – SSB-mode (suitable for the ICOM SP-23 and Heil ProSet Elite headset)

RX HPF/LPF : ---- - ----

RX Bass : +1

RX Treble : +3

Speaker system configuration : ICOM SP-23 (2x) + Phonema GPH-I23 Replacement Speaker + Phonema Insulation Kit for SP-23
All HPF and LPF switches on the ICOM SP-23 have been switched off.

Riemst, March 3rd 2018.

Preferred Audio Settings IC-7610 – ON2PCO.docx