

Regarding Speech Processor Operation

This transceiver is equipped with a separate Parametric Microphone Equalizer adjustment procedure to be used when the speech processor is engaged.

This Parametric Microphone Equalizer may be set up using the Menu items described below.

132 tAUd PE1FRQ

Function: Selects the center frequency of the lower range for the parametric microphone equalizer when the speech processor is activated.

Available Values: OFF/100 ~ 700 Hz (100 Hz/step)

Default Setting: 200

OFF: The equalizer gain and Q-factor are set to factory defaults (flat).

100 ~ 700: Center frequencies of 100 Hz ~ 700 Hz.

You may adjust the equalizer gain and Q-factor at this selected audio frequency via menu items "133 tAUd PE1 LVL" and "134 tAUd PQ1 BW."

133 tAUd PE1 LVL

Function: Adjusts the equalizer gain of the low range of the parametric microphone equalizer when the speech processor is activated.

Available Values: -10 ~ +10

Default Setting: -10

134 tAUd PE1 BW

Function: Adjusts the Q-factor of the low range of the parametric microphone equalizer when the speech processor is activated.

Available Values: 1 ~ 10

Default Setting: 2

135 tAUd PE2 FRQ

Function: Selects the center frequency of the middle range for the parametric microphone equalizer when the speech processor is activated.

Available Values: OFF/700 ~ 1500 Hz (100 Hz/step)

Default Setting: 800

OFF: The equalizer gain and Q-factor are set to factory defaults (flat).

700 ~ 1500: Center frequencies of 700 Hz ~ 1500 Hz.

You may adjust the equalizer gain and Q-factor at this selected audio frequency via menu items "136 tAUd PE2 LVL" and "137 EQ2 BW."

136 tAUd PE2 LVL

Function: Adjusts the equalizer gain of the middle range of the parametric microphone equalizer when the speech processor is activated.

Available Values: -10 ~ +10

Default Setting: -3

137 tAUd PE2 BW

Function: Adjusts the Q-factor of the middle range of the parametric microphone equalizer when the speech processor is activated.

Available Values: 1 ~ 10

Default Setting: 1

138 tUAd PE3 FRQ

Function: Selects the center frequency of the high range for the parametric microphone equalizer when the speech processor is activated.

Available Values: OFF/1500 ~ 3200 Hz (100 Hz/step)

Default Setting: 2100

OFF: The equalizer gain and Q-factor are set to factory defaults (flat).

1500 ~ 3200: Center frequencies of 1500 Hz ~ 3200 Hz.

You may adjust the equalizer gain and Q-factor in this selected audio frequency via menu items "139 tUAd PE3 LVL" and "140 tUAd PE3 BW."

139 tUAd PE3 LVL

Function: Adjusts the equalizer gain of the high range of the parametric microphone equalizer when the speech processor is activated.

Available Values: -10 ~ +10

Default Setting: +6

140 tUAd PE3 BW

Function: Adjusts the Q-factor of the high range of the parametric microphone equalizer when the speech processor is activated.

Available Values: 1 ~ 10

Default Setting: 1

Because the items above have been added to the Menu listing in the Operating Manual, please make a note of the revised numbering for the Menu selections below.

132 tGEn BIAS → 141 tGEn BIAS

133 tGEn MAX PWR → 142 tGEn MAX PWR

134 tGEn PWRCNTL → 143 tGEn PWRCNTL

135 tGEn ETX-GND → 144 tGEn ETX-GND

136 tGEn TUN PWR → 145 tGEn TUNE PWR

137 tGEn VOX SEL → 146 tGEn VOX SEL

138 tGEn EMERGENCY → 147 tGEn EMERGENCY

