

```

1 *****
2 ; RPT.conf - Radio Repeater configuration file (for use with app_rpt)
3 *****
4
5 ; Your Repeater
6
7 **{{SNIP}}**
8
9 scheduler = schedule                ; scheduler stanza
10 functions = functions              ; Repeater Function stanza
11 phone_functions = functions        ; Phone Function stanza
12 link_functions = functions         ; Link Function stanza
13
14 **{{ADD}}** Only if FAN control is desired.
15 events=events                      ; to add GPIO control
16 **{{/ADD}}**
17
18 **{{SNIP}}**
19
20 ;statpost_program = /usr/bin/wget,-q,--timeout=15,--tries=1,--output-document=/dev/null
21 ;statpost_url = http://stats.allstarlink.org/uhandler.php ; Status updates
22
23 ; ** For Limey Linux **
24 ;statpost_program = /bin/wget,-q,--timeout=15,--tries=1,--output-document=/dev/null
25 ;statpost_url = http://stats.allstarlink.org/uhandler.php ; Status updates
26
27 **{{ADD}}** Only if FAN control is desired.
28 [events]
29
30 ; Automatically control GPIO pins for fan control
31 touch /tmp/RPT_TXKEYED2375 = s|t|RPT_TXKEYED
32 rm -f /tmp/RPT_TXKEYED2375 = s|f|RPT_TXKEYED
33 **{{/ADD}}**
34
35 [functions]
36
37 ; Prefix      Functions
38 ; *1          Disconnect Link
39 ; *2          Monitor Link
40 ; *3          Connect Link
41 ; *4          Command Mode
42 ; *5          Macros
43 ; *6          User Functions
44 ; *7          Connection Status/Functions
45 ; *8          User Functions
46 ; *9          User Functions
47 ; *0          User Functions
48
49 ; *A          User Functions
50 ; *B          User Functions
51 ; *C          User Functions
52 ; *D          User Functions
53
54
55 ; Mandatory Command Codes
56 ; http://docs.allstarlink.org/drupal/node/91
57
58 1 = ilink,1      ; Disconnect specified link
59 2 = ilink,2      ; Connect specified link -- monitor only
60 3 = ilink,3      ; Connect specified link -- tranceive
61 4 = ilink,4      ; Enter command mode on specified link
62 70 = ilink,5     ; System status
63 99 = cop,6       ; PTT (phone mode only)
64
65 ; End Mandatory Command Codes
66
67 **{{ADD}}** for FAN control or GPIO control
68
69 ; COP command mapping for GPIO's

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70 ; cop,62 is command GPIOx=y where x is GPIO number and y is desired state.
71 90 = cop,62,GPIO5=0 ; Turn off GPIO 5
72 91 = cop,62,GPIO5=1 ; Turn on GPIO 5
73 **{/ADD}**
74
75
76 *****
77 ; SimpleUSB configuration
78 *****
79
80 [general]
81
82 [usb]
83
84 eeprom = 1 ; EEPROM installed: 0,1
85 ; 0 = no (default)
86 ; 1 = yes
87
88 hdwtype = 0 ; Leave this set to 0 for USB sound fobs modified using
89 ; the instructions from usbfov.pdf. Use a setting of
90 ; 1 is for Dingotel/Sph interfaces.
91
92 ; Receiver parameters
93
94 rxboost = 0 ; 0 = 20db attenuator inserted, 1= 20db attenuator removed
95 ; Set to 1 for additional gain if using a low-level receiver
output
96
97 carrierfrom = no ; no,usb,usbinvert
98 ; no - no carrier detection at all
99 ; usb - from the COR line on the USB sound fob (Active high)
100 ; usbinvert - from the inverted COR line on the USB sound fob
(Active low)
101
102 ctcssfrom = usbinvert ; no,usb,usbinvert
103 ; no - CTCSS decoding, system will be carrier squelch
104 ; usb - CTCSS decoding using input from USB sound fob (Active
high)
105 ; usbinvert - from the inverted CTCSS line on the USB sound fob
(Active low)
106
107 deemphasis = no ; enable de-emphasis (input from discriminator)
108
109 plfilter = no ; enable PL filter
110
111 ;rxondelay = 0 ; number of 20ms intervals to hold off receiver turn-on
indication
112
113
114 ; Transmitter parameters
115
116 txmixa = voice ; Left channel output (A): no,voice,tone,composite,auxvoice
117 ; no - Do not output anything
118 ; voice - output voice only
119
120 txmixb = no ; Right channel output (B): no,voice,tone,composite,auxvoice
121 ; See txmixa above.
122
123 txboost = 0
124
125 invertptt = 0 ; Invert PTT 0 = ground to transmit, 1 = open to transmit
126 ; This is the collector lead of the 2n4401 on the modified
127 ; usb sound fob.
128 ; please refer to the howto for the procedure to do this.
129
130 preemphasis = 0
131
132 ; pager = no ; no,a,b (e.g. pager = b means "put the normal repeat audio on
channel A, and the pager audio on channel B")

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133
134 ; duplex3 = 0           ; duplex 3 gain setting (0 to disable)
135
136 duplex = 1             ; Duplex 0,1
137                       ; 0 - half duplex
138                       ; 1 - full duplex
139
140 ; When you configure a GPIO pin, you can either designate it as
141 ; 'in' (input), 'out0' (output with a default state of 'off'),
142 ; or 'out1' (output with a default state of 'on').
143
144 gpio5=out0             ; in, out0 or out1
145
```