

NewHank DAB FM PLUS RS232 Controller Command List

Connecting Setting

Baud Rate	Parity	Valid Data Bits	Stop Bit Value	Handshaking	Data Type
115200	N	8	1	None	String

Control Command List

(note: all command are lower case)

ASCII Command	Command Description	Unit Response
power=on!	Power ON	power=on!
power=off!	Power OFF	power=off!
0!	0	key=0!
(no function in Hotkey mode)		
1!	1	key=1!
2!	2	key=2!
3!	3	key=3!
4!	4	key=4!
5!	5	key=5!
6!	6	key=6!
7!	7	key=7!
8!	8	key=8!
9!	9	key=9!
##!or###!or####!(#=0-9)	Designated number	key=##! or ###! Or ####! (#=0-9)
mute_on!	Mute ON	mute=on!
mute_off!	Mute OFF	mute=off!
prog!	Program	program n = F%% T####(n=01-10, %%=00-99, ####=0001-9999)
prog_off!	Program OFF	prog_off!
random_on!	Random ON	random_on!
random_off!	Random OFF	random_off!
repeat_one!	Repeat ONE	repeat_one!
repeat_folder!	Repeat FOLDER	repeat_folder!
repeat_all!	Repeat ALL	repeat_all!
repeat_off!	Repeat OFF	repeat_off!
play!	Play	play_status=play!
pause!	Pause	play_status=stop!
stop!	Stop	play_status=pause!
track_fwd!	Next track	track=T####!, (####=0001-9999)
track_rev!	Previous track	track=T####!, (####=0001-9999)
fast_fwd!	Fast forward	>>time=mm:ss! (mm=minute, ss=second)
fast_rev!	Fast reverse	<<time=mm:ss! (mm=minute, ss=second)
single_on!	Single track play ON	single=on!
single_off!	Single track play OFF	single=off!
a>!	A>	a→=(A)time=mm:ss!
a>b!	A>B	a→b=(A)time=mm:ss ~(B)time=mm:ss!
a>b_off!	A>B OFF	a→b=off
folder_up!	Next Folder	folder=F##! (##=01-99)
folder_down!	Previous Folder	folder=F##! (##=01-99)
bt!	Bluetooth Mode	source=bt!
usb!	USB Mode	source=usb!
sd!	SD Card Mode	source=sd card!
fm!	FM Mode	source=fm!
dab!	DAB Mode	source=dab!
volume_up!	Volume UP	volume=##! (## = 00~32)
volume_down!	Volume Down	volume=##! (## = 00~32)
volume_max!	Volume Max	volume=max!
volume_min!	Volume Mini	volume=min!
volume_n!	Set volume level	volume=##! (## = 00~32)
call_hotkey_#! (#=1~10)	Play track in Hotkey	hotkey_##==source=% , folder=\$\$, TRACK = ****! , (##=01~10 hotkey, %=usb/sd card, \$\$=01~99, **** =0001~9999)。When no track in hotkey, shows hotkey##=empty!
save_hotkey_#! (#=1~10)	Save track in Hotkey	hotkey_##==source=% , folder=\$\$, TRACK = ****! , (##=01~10 hotkey, %=usb/sd card, \$\$=01~99, **** =0001~9999)
mode!	MODE	source=#! (#=usb / sd card / bt / fm / dab /)
enter!	Enter	enter!
auto_up!	TUNING auto scan up (not for DAB)	auto_up= ###.##! (###.##=radio frequency)
auto_down!	TUNING auto scan down (not for DAB)	auto_down!= ###.##! (###.##=radio frequency)
tuning_up!	TUNING up 0.05Mhz	tuning_up!= ###.##! (###.##= radio frequency)
tuning_down!	TUNING donw 0.05Mhz	tuning_down!= ###.##! (###.##= radop frequency)

hotkey_off!	Hotkey OFF	
info!	FM Info	pty = program type (FM or DAB), disp= #text (FM or DAB)
scan!	Scan and memory stations	key=scan!
memory!	TUNER memory	key=memory!
memory_up!	Memory UP	key=memory_up!
memory_down!	Memory Down	key=memory_down!
menu!	Menu_FM & DAB	key=menu!
m01!	Tuner_memory radio station to M01	key=m01!
m02!	Tuner_memory radio station to M02	key=m02!
m03!	Tuner_memory radio station to M03	key=m03!
m04!	Tuner_memory radio station to M04	key=m04!
m05!	Tuner_memory radio station to M05	key=m05!
m06!	Tuner_memory radio station to M06	key=m06!
m07!	Tuner_memory radio station to M07	key=m07!
m08!	Tuner_memory radio station to M08	key=m08!
m09!	Tuner_memory radio station to M09	key=m09!
m10!	Tuner_memory radio station to M10	key=m10!
pm01!	Call M01 radio station	key=pm01!
pm02!	Call M02 radio station	key=pm02!
pm03!	Call M03 radio station	key=pm03!
pm04!	Call M04 radio station	key=pm04!
pm05!	Call M05 radio station	key=pm05!
pm06!	Call M06 radio station	key=pm06!
pm07!	Call M07 radio station	key=pm07!
pm08!	Call M08 radio station	key=pm08!
pm09!	Call M09 radio station	key=pm09!
pm10!	Call M010 radio station	key=pm10!

Feedback Request Command List

(note: all command are lower case)

Command	Description	Return String(s):	Example:
get_current_power!	Request current POWER status	power=#! (#=on / off)	power=on!
get_current_source!	Request current Source status	source=#! (#=usb/sd card/bt / fm/ dab)	source=dab!
get_volume!	Request volume level	volume=##! (## = 00~30)	volume=30!
get_allhotkey!	Request all Hotkey	# hotkey list = hotkey01 = F## T#### , hotkey02 = F## T#### ,hotkey10 = F## T####	hotkey list = hotkey01=F04T0334, hotkey02=F04T0335, hotkey03=empty, ..., hotkey10=empty!
get_display!	Request Display for USB / SD Card mode	source=#! (#=usb/sd card) play_status=#! (play / stop / pause) folder=# (01~99) , TRACK = # (001~999) Time : MM:SS	Source=USB! play status=play! folder=99 , TRACK=645 Time : 03:50
	Request display for Bluetooth mode	source=bt play_status=#! (play / pause) Time : MM:SS	Source=BT! play status=play!
get_info!	Get Info in USB / SD card mode	source=#! (#=usb/sd card) single = on / off repeat = one / folder / all random = on / off a>b = a> / a>b mute= on / off	Source=USB! single = on repeat = off random = off a>b = off mute = off
	Get Info in Bluetooth mode	source=bt play_status=#! (play / pause) Time : MM:SS	Source=BT! play status=play!