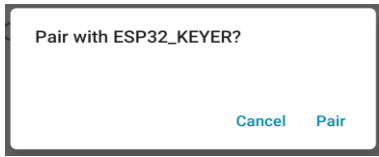


you can control the esp32 via bluetooth with several app you can find in the playstore. My advice is using this one :

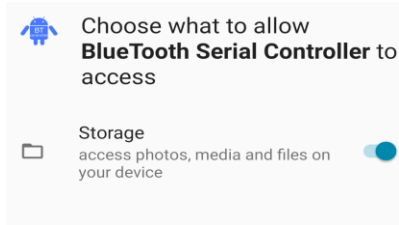
https://play.google.com/store/apps/details?id=nextprototypes.BTSerialController&hl=es_419&gl=US



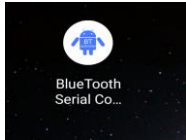
INSTALL THIS APPLICATION FROM PLAY STORE



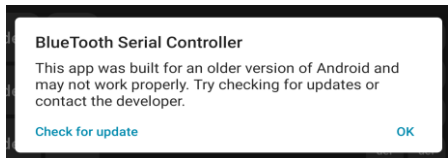
PAIR THE KEYER WITH YOUR MOBILE PHONE BLUETOOTH



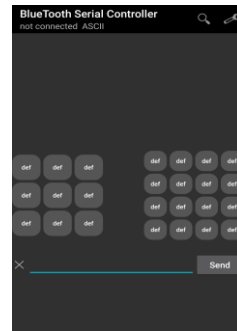
OPEN THE APP



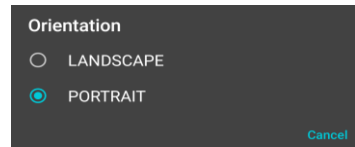
ALLOW THE USE OF THE STORAGE (CONTINUE)



DON'T WORRY AND PUSH OK

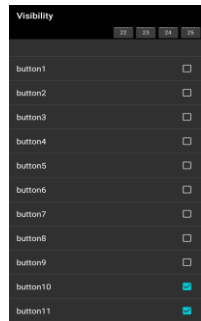


GO TO PREFERENCES/ORIENTATION/PORTRAIT

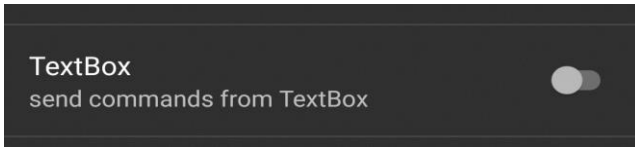


APPAREANCE IN PORTRAIT MODE

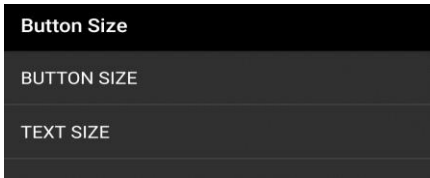
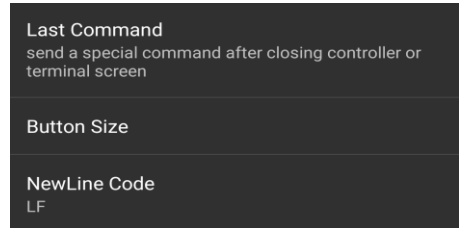
GOT TO PREFERENCES/VISIBILITY AND DESELECT BUTTONS FROM 1 TO 9



DESELECT TEXTBOX IN PREFERENCES



IN PREFERENCES SELECT BUTTON SIZE/BUTTON SIZE

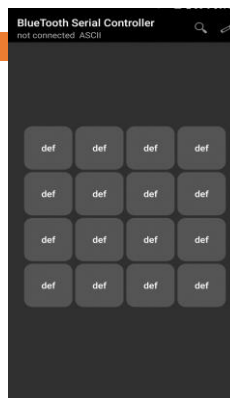
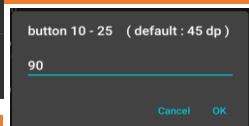




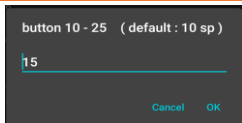
PORTRAIT BUTTON

SO FAR, THIS IS THE SCREEN

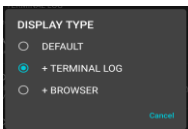
WRITE 90 AND PUSH OK



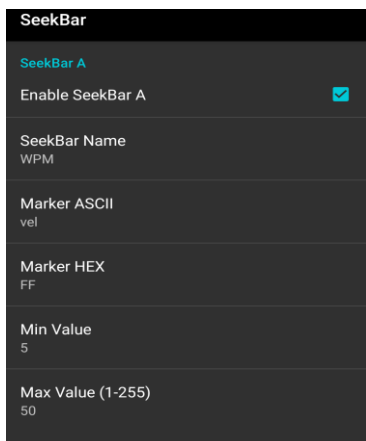
TEXT SIZE WRITE 15 PUSH OK



**PREFERENCES/SEEKBAR
ENABLE SEEKBAR A , B AND C**

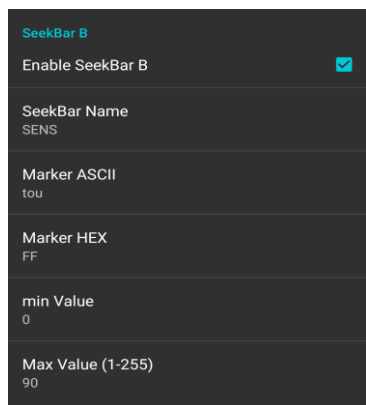


**PREFERENCES/DISPLAY TYPE
SELECT TERMINAL LOG**



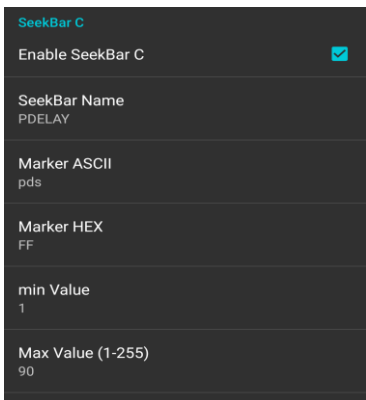
SEEKBAR A FOR WPM CONTROL

- NAME - WPM
- MARKER- vel (lowercase is required)
- MARKER HEX -- FF
- MIN VALUE -- 5
- MAX VALUE -- 50 (I HAVE LIMITED IT TO 70WPM)



SEEKBAR B FOR TOUCH SENSITIVITY

- NAME - SENS
- MARKER - tou (lowercase required)
- MARKER HEX -- FF
- MIN - 0 for no sensitivity
- MAX - 90 90 is sometimes too high and triggers without touching (60 is ok)

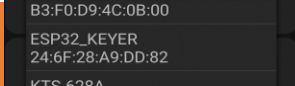


SEEKBAR C FOR PADDLE DELAY SAMPLE

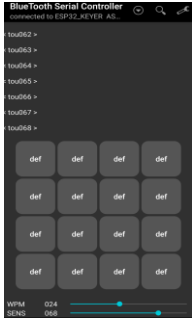
- NAME - PDELAY
- MARKER - pds
- MARKER HEX - FF
- MIN - 1 1 means no delay, 50 is the standard and 90 is too delayed .
- MAX - 90



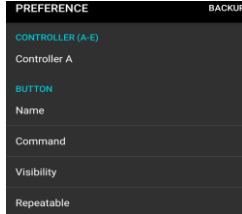
PUSH THE MAGNIFIER TO SELECT THE BLUETOOTH



SELECT ESP32_KEYER. IN CASE YOU WOULDN'T SEE THE DEVICE, PAIR IT WITH YOUR MOBILE BLUETOOTH



THIS IS THE SCREEN AFTER THE SEEKBAR CONFIGURATION



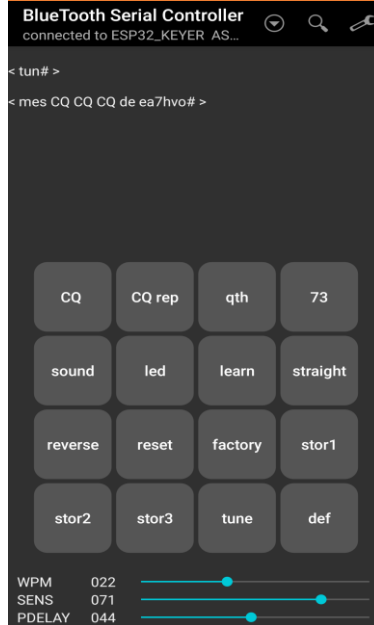
PREFERENCES/BUTTON/NAME

THIS IS ONLY AN EXAMPLE. IT'S UP TO YOU

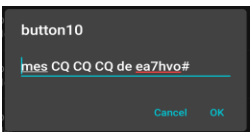
Name
button10
button11
button12
button13
button14
button15
button16
button17
button18
button19
button20
button21
button22
button23
button24
button25

CQ	for cq message
button 10	
CQ REP	for cq message with repetition
button 11	
qth	for qth message
button 12	
73	73 message
button 13	
sound	sound on/off
button 14	
led	led on/off
button 15	
learn	learn/operate mode
button 16	
straight	straight/paddle mode
button 17	
reverse	reverse paddles for lefthanded people
button 18	
reset	reset
button 19	
factory	factory reset for safe preferences
button 20	
stor1	stores message in ptouchbutton 1
button 21	
stor2	stores message in touchbutton 2
button 22	
stor3	stores message in touchbutton 3
button 23	
tune	send a carrier to adjust SWR
button 24	
def	

SCREEN AFTER CONFIGURATION.

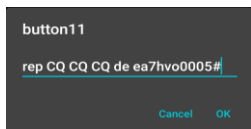


PREFERENCES/BUTTON/COMMAND



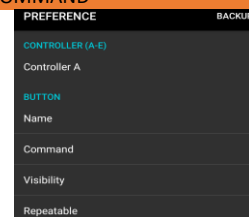
AN EXAMPLE OF MESSAGE WITHOUT REPETITION:

mes cq cq cq de ea7hvo #
header for message body of the message end of file



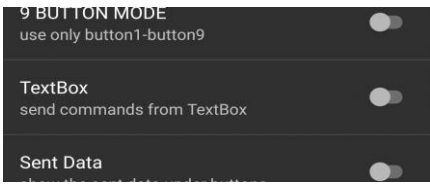
MESSAGE WITH REPETITION

rep cq cq cq de ea7hvo 0005 #
header for repetition body of the message time in seg for repeating end of file

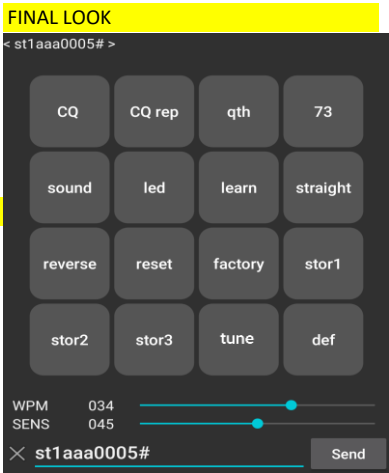


Command	IN THIS EXAMPLE BUTTONS FROM 14 TO 20 AND 24 ARE COMMANDS BUTTONS	
button10 mes CQ CQ CQ de ea7hvo#	mes cq cq cq de ea7hvo#	standard message
button11 rep CQ CQ CQ de ea7hvo0005#	rep cq cq cq de ea7hvo#	repetition message
button12 mes qth is cordoba#	mes qth is cordoba#	standard message
button13 mes 73 de ea7hvo#	mes 73 de ea7hvo#	standard message
button14 sou#	sou#	SOUND ON/OFF
button15 led#	led#	LED ON/OFF
button16 lrn#	lrn#	MODE LEARN/OPERATE
button17 str#	str#	MODE STRAIGHT KEY/PADDLE
button18 rev#	rev#	REVERSE PADDLES FOR LEFTHANDED PEOPLE
button19 res#	res#	RESET
button20 fct#	fct#	FACTORY RESET FOR FAILSAFE PREFERENCES
button21 st1 CQ CQ CQ de ea7hvo0000#	st1 cq cq cq de ea7hvo0000#	stores a message in touchbutton 1 without repetition (0000)
button22 st2 CQ CQ CQ de ea7hvo0006#	st2 cq cq cq de ea7hvo0006#	stores a message in touchbutton 2 with 6 seg repetition (0006)
button23 st3 qth cordoba0000#	st3 qth cordoba0000#	stores a message in touchbutton 3 without repetition (0000)
button24 tun#	tun#	TRANSMIT A CARRIER FOR 10 SECONDS TO ADJUST SWR
button25 def		

You can also send messages and configuration from TextBox



Configuration/textbox



This is an example how to store three "a" in touch button 1.

I HAVE CONFIGURED THE INTERFACE WITH ONLY 16 BUTTONS AND 4 MESSAGES. YOU HAVE UP TO 25 BUTTONS AND 25 PRESAVED MESSAGES.

THE KEYS HAS TOUCHMENU WHERE YOU CAN MODIFY SPEED AND ALMOST EVERY PARAMETER.

ENJOY IT.

73 DE EA7HVO JOSÉ BASCÓN

