

TERRORBOT FOR ORANGE DARK TERROR HEAD

- INDIVIDUAL SERVO SPEEDS
- 12 PRESET SLOTS IN 4 BANKS
 - > DOUBLE LONGPRESS BUTTON 2 & 3 WILL CHANGE BANK
- NO LAG EVENTS (BYPASSED CLICKBUTTON LIBRARY)
 - > ALLOW IMMEDIATE BUTTON RESPONSE WHILE SWITCHING PRESETS FROM BTN3 TO BTN2 AND BACK IN BANK 3 + 4
- VOLUME AND GAIN BOOST
 - > LONGPRESS BUTTON 2 WILL BOOST VOLUME
 - > LONGPRESS BUTTON 3 WILL BOOST GAIN
 - > DOUBLE CLICK BUTTON 2 WHILE IN EDITMODE TO SET VOLUME VALUES (BOOST-AMMOUNT + SPEED)
 - > DOUBLE CLICK BUTTON 3 WHILE IN EDITMODE TO SET GAIN VALUES (BOOST-AMMOUNT + SPEED)
- EDIT MODE
 - > LONGPRESS BUTTON 1 WILL GO TO EDIT MODE FOR ACTIVE PRESET
 - BUTTON 2 AND 3 WILL CHANGE THE VALUE UP AND DOWN
 - BUTTON LEDS WILL INDICATE THE HEIGHT OF THE VALUE
 - SINGLE CLICK ON BUTTON 1 WILL JUMP TO THE NEXT STATE
 - LONG CLICK BUTTON 1 WILL JUMP TO PREVIOUS STATE
 - TRIPPLE CLICK BUTTON 1 WILL EXIT WITHOUT SAVING
 - STATES:
 - STATE-1: POSITION VOLUME
 - STATE-2: POSITION SHAPE
 - STATE-3: POSITION GAIN
 - STATE-4: SPEED FOR VOLUME SERVO
 - STATE-5: SPEED FOR SHAPE SERVO
 - > THERE IS A TIMER HERE. IF NO BUTTON IS PRESSED FOR 5 SECONDS
 - ALL SERVOS WILL GET THE SAME SPEED AS SELECTED FOR VOLUME IN STATE-4.
 - STATE-6: SPEED FOR GAIN SERVO
 - STATE-7: SAVE AND EXIT
- COPY PRESET TO ANOTHER SLOT
 - > LOAD PRESET YOU WANT TO COPY AND ENTER EDITMODE
 - TRIPPLE CLICK ON BUTTON 3 WHILE IN EDITSTATE 1 WILL LAUNCH NEW SLOT SELECTOR
 - TRIPPLE CLICK ON BUTTON 1 TO CANCEL
 - IF NO BUTTON IS PRESSED FOR 5 SECONDS SELECTOR WILL BE CANCELED
- BACKUP AND RESTORE PRESETS
 - > HOLD BUTTON 1 DURING STARTUP FOR BACKUP
 - THIS WILL SERIAL PRINT ALL VALUES IN AN ARRAY AND
 - BACKUP ALL VALUES TO HIGHER EEPROM SLOTS
 - > HOLD BUTTON 2 AND 3 DURING STARTUP
 - TO RESTORE VALUES FROM HIGHER EEPROM SLOTS
- GLOBAL OFFSET
 - > DOUBLE CLICK BUTTON 1 WHILE IN EDITMODE 1 TO SET MASTER VOLUME
 - HOLD BUTTON 2 AND 3 TO CHANGE
 - PRESS BUTTON 1 TO SET SHAPE OFFSET
 - PRESS BUTTON 1 AGAIN TO SET GAIN OFFSET
 - PRESS BUTTON 1 AGAIN TO SAVE AND EXIT
- SYSTEM SETTINGS
 - > TRIPPLE CLICK BUTTON 2 WHILE IN EDITMODE 1 TO SET SYSTEM SETTINGS
 - SET longClickTime_default (TIME UNTIL CLICK AND HOLD BUTTON IS A LONGPRESS)
 - HOLD BUTTON 2 AND 3 TO CHANGE VALUE
 - > PRESS BUTTON 1 TO SET easeFreemode (SPEED OF THE SERVOS IN FREEMODE)
 - TRIPPLE PRESS BUTTON 2 HERE TO RESTORE DEFAULT VALUES AND EXIT
 - PRESS BUTTON 1 AGAIN TO SAVE CHANGES AND EXIT
 - > TRIPPLE LONG PRESS BUTTON 3 INSTEAD TO ENTER EEPROM ADDRESS SHIFT MENU
 - PRESS BUTTON 2 TO SHIFT EEPROM ADDRESSES ONE BLOCK
 - PRESS BUTTON 1 OR 3 TO CANCEL
- FREEMODE
 - > TRIPPLE CLICK ON DESIRED PRESET TO OPEN IT IN FREEMODE
 - CONTROLL EACH SERVO WITH A SINGLE BUTTON
 - PRESS AND HOLD BUTTON 1 WILL CHANGE VOLUME
 - PRESS AND HOLD BUTTON 2 WILL CHANGE SHAPE
 - PRESS AND HOLD BUTTON 3 WILL CHANGE GAIN
 - SINGLE CLICK CHANGES EACH DIRECTION (LED ON = INCREASE VALUE)
 - TRIPPLE CLICK BUTTON 2 TO EXIT AND SAVE TO ACTUAL PRESET
 - TRIPPLE CLICK BUTTON 1 OR 3 TO EXIT WITHOUT SAVING AND RETURN TO ACTUAL PRESET
- METRONOME
 - > TRIPPLE LONG CLICK TO ACTIVATE (CLICK - CLICK - CLICK AND HOLD)
 - HOLD BUTTON 2 AND 3 TO CHANGE SPEED
 - PRESS BUTTON 1 TO EXIT