

## 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 & 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
    - DOUBLE CLICK ON ANY BUTTON 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 1 AND 2 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
- 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 1 TO EXIT AND SAVE TO ACTUAL PRESET
    - TRIPPLE CLICK BUTTON 2 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