Basic setup to get you going - stock tx

This info is for flying with the stock transmitter.

How to switch between the level and the acro flight modes:

There are 2 ways you can do this, you can use “gestures” or you can use the trim switches on the stock tx. Gestures is the default setup in the firmware, so no changes to the firmware are needed. To use a trim switch some changes need to be made in config.h, scroll down this page for instructions on how to set up a trim switch to change the flight mode.

Gestures is a series of stick movements, left/left/down and right/right/down, that switch a virtual channel AUX 1 in the firmware. This AUX 1 channel can be used to switch from level to acro mode and back again.

There are some conditions to using gestures:

1. Obviously you can only do it when the quad is not flying.
2. You must have the tx in high rates for the gestures to be recognized.
3. The stick movements need to be precise, for example, when you move the stick left, try not to add any up or down component.
4. The left/left/down or right/right/down sequence needs to be done within 2 seconds, and the LED's will flash to confirm the quad has received the gesture.

Config.h settings for gestures

The default settings in the firmware are with gestures enabled to switch between acro and level modes, so no changes are needed. This is the line where AUX 1 is enabled as the level/acro switch, and the default firmware setting looks like this:

```
// level / acro mode switch
#define LEVELMODE CH_AUX1
```

The code below determines whether AUX 1 is on or off at powerup. For example, if your quad powers up in acro mode, and you want it to power up in level mode, then comment or uncomment this line:

```
// aux1 channel starts on if this is defined, otherwise off.
#define AUX1_START_ON
```

Note for H8 mini blue board firmware - this firmware has a gestures1 or gestures2 option. For our purposes here, we want the gestures2 option selected, which is the default setting and looks like this: (gestures1 will do the accel cal only)

```
// Gestures enable ( gestures 1 = acc only)
//#define GESTURES1_ENABLE
#define GESTURES2_ENABLE
```

Using a trim switch to switch between the level and the acro flight modes...in progress...

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