R9000 RECEIVER

Presently, in order to satisfy what the players needs that we study the latest Receiver. It can be said that it's one of the most high-grade products in the same series. It has the powerful function and low interference. Whether player uses remote controller JR or FUTABA it all can automatically choose your remote controller to use and doesn't need another setting. There are two models can be set to output. One is the general digital SERVO (20 ms), the other one is high-speed digital SERVO (3. were 5ms). Both of the two output mode are glitters lights to expression LED and auto-distinction the source signal of remote control for PPM/PCM. It looking generous, simple, light weight and fcpl has high brightness LED with a blue and red color. It guides the player to understanding of R9000 Receiver's current situation. At present, our company exclusives design the NO and LED counting registers display to tell players that it is more or less in this interference and increased frequency automatic scanning function; then storage the information of set up. It can be use with no resetting, when you use it in next time. It is simplest and most convenient to handle for user. And the internal HD lines are increases AGC and high anti-interference circuit. It can be said that it's smartest and representatives the Receiver in the R/C.

Specification：

◎PPM/PCM Auto-select。

◎Frequency Auto-scan。

◎JR/FUTABA　Auto-discriminate。

◎General digital servo 14ms(LED Blue)/high-speed digital servo3.5ms(LED Red) output choice。

◎Out of control and LED display counting blue light

◎SPCM structure，throttle can set out of angle

◎When out of control, it can remain the last flight angle

◎High level anti-jamming，amplifier high frequency can use in long distance

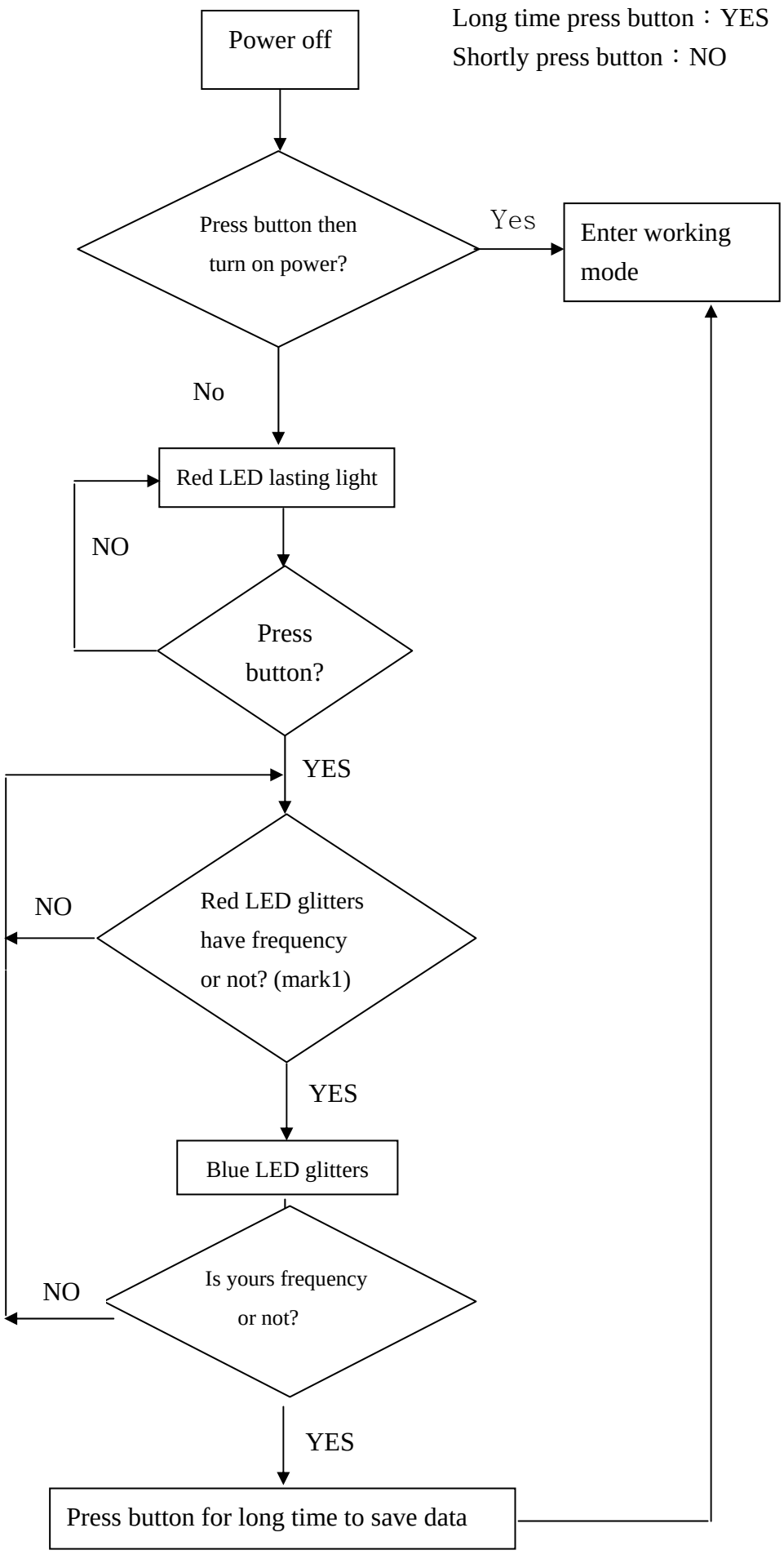
◎two mixing frequency filter，wipe off jamming。

◎adding AGC electro-circuit。

◎special light red/blue two functions showing。

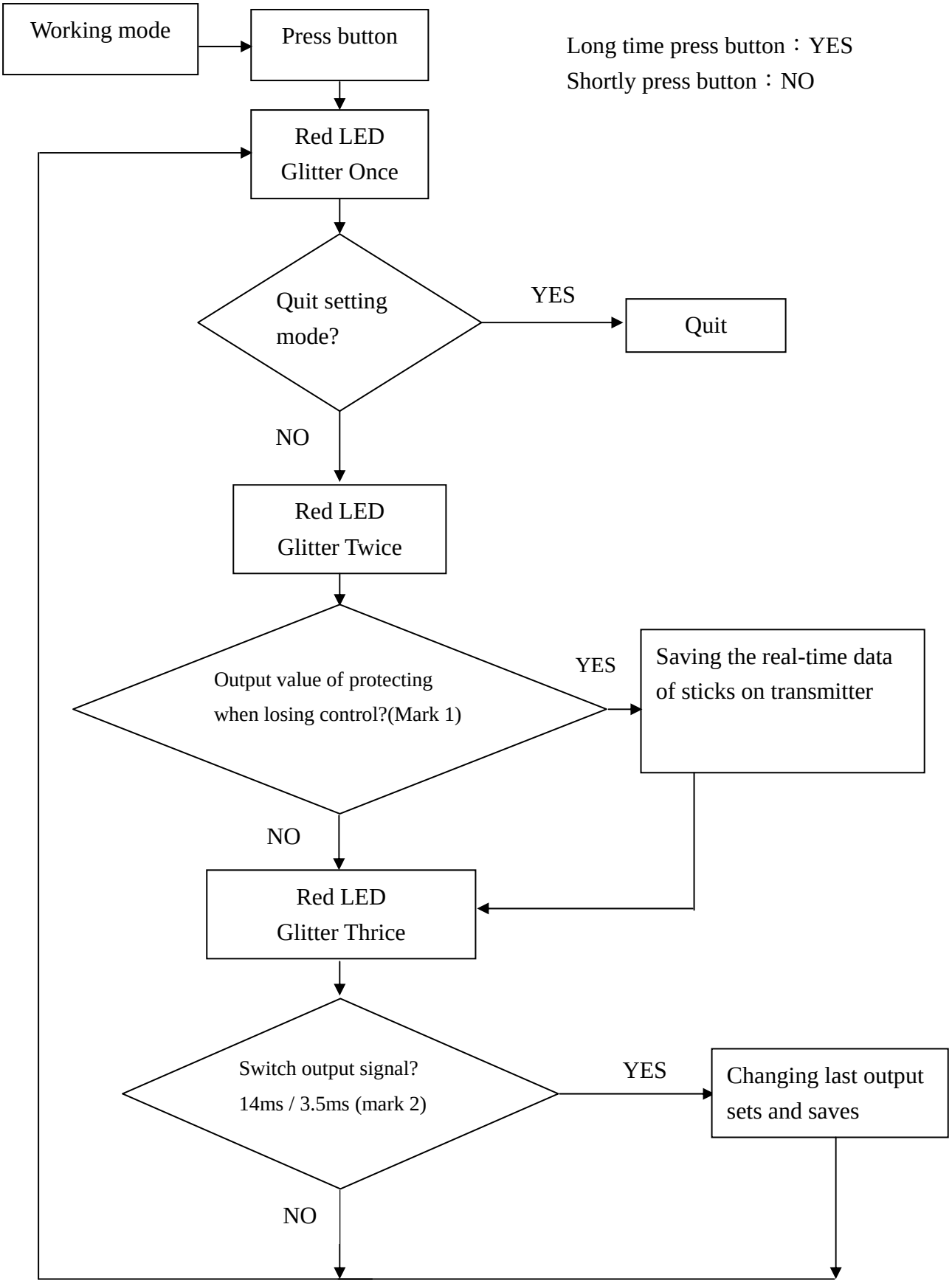
◎Light and handy 9CH design(smallest PLL in the world)

flow chart of scanning function：



Mark1：In the process of scanning frequency is according to the frequency to scanner.

flow chart of setting function：



Section 1：3.5ms(red LED) is for high-speed digital servo，20ms(blue LED) is for normal digital servo. Please notice that 3.5ms is for special SERVO, and read SERVO manual carefully before using.

Section 2：Please notice that if red LED last lighting 2 secedes when turn on power，it means 3.5ms(high-speed output mode)，if blue LED last lighting 2 secedes when turn on，it mea14ms(normal speed output mode)。

Operating manual：

The first time using R9000，must do the first SW(scan frequency function) on receiver. Most important is when you scan the frequency; you should draw the aerial up and puts receiver and remote control closely with each other. It has been saved the frequencies in the memory, it doesn't need to set again next time using。Button(SW) switch explanation：(long time press == YES save)，(shortly press== NO quit)

SW(scan frequency function)：before turn on the power of R9000，user press button(SW) for long time and then turn on product，it will enter scan function red LED last lighting. Please press receiver's button (SW) and don't release. Now, it can enter the setting mode. If the red light is flash, you can release the button. It stands for entering under the setting status. Please notice the LED at the same time，if it has catch any frequency，blue LED will glitter to inform user must be use transmitter to confirm if this is user's own frequency，if "YES" please long time press the button (YES)，and stop scanning. It means saved frequency and signal(PPM/JR、PPM/Futaba、PCM/Futaba) in memory, unless user want to change frequency, or don't need to revise next time. If "NOT" the frequency, please shortly press (NO) to keeping scan it。

FUNCTION SETTING：

The entering way of setting, firstly; start the power and wait the LED light has brightness.

Function 1：Function 1: Quit the function mode. (Flash red lights once)

This function is let the users know how to return the quit mode. When user quits the setting mode, please press the button and don't release for a while. Till the red and blue LED is gradually from dim to become brightness, you can release the button. Then, it means that it quit the function of mode and if you don't want to leave, you can shortly press the button once that you'll enter the status of function 2.

Function 2: Output status of NO throttle (It will glitter red light twice)

This function is setting the output status for users, when it happened NO in the flying. Simply to say, this function can be save throttle status after the users setting. Firstly, correctly checking the throttle position and pressing switch 1sec, then release the SW. Now, it's finished the NO throttle setting and we're entering the function 3.

Section： This setting is when it's in the no-signal status; all of the output will become the setting.

Function 3: Setting Output Mode (It will glitter red light thrice)

This function has two modes in output. One is 3.5ms (red light), anther one is 14ms (blue light). You should notice that blue light is stand for presently status, when it entering this function. If you want to modify status, please press the SW and don't release. Till the red and blue LED is gradually from dim to become brightness, you can release the button. Therefore, you have been changed the status of it, and it will leave the function 3 to return the function1 at the same time. If you don't want to modify the function 3, please shortly press the SW and that's done.

Section：3.5ms use in high-speed digital SERVO and 14ms use in general digital SERVO. Please notice that 3.5ms is belongs to special SERVO，when you use it please read SERVO manual carefully.

After setting these functions mode, the red & blue light are lasting for 1 sec. It means it’s finished to save, user can start fly then。

Under working mode, the red LED or blue LED displays that it’s 3.5ms (red) or 14ms (blue). When it happened NO, the light will continue brightness 1 sec.

NOTICE：

◎ Please read manual carefully。

◎ If not for the damage caused by man-made factors are not within the scope of the warranty.

◎ This receiver is for RC area only。

◎ Under working mode，(blue LED, red LED no light) means no signal。