

Send Remote Signal project

Overview

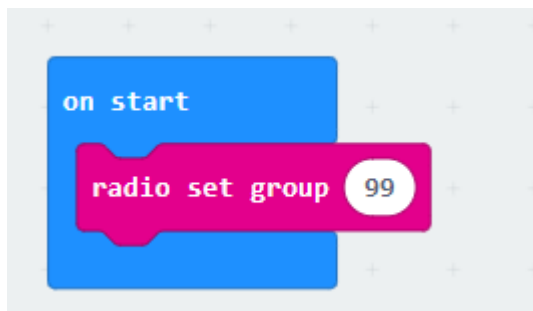
Using two micro bit want to be able to send to each other and perform an action

Requires the same code loaded on to 2 microbits

{Step 1 } – Radio Group

Add Radio Set Group

Can set to any number 1-255 but both need to have the same number to communicate



{Step 2 } – Create actions

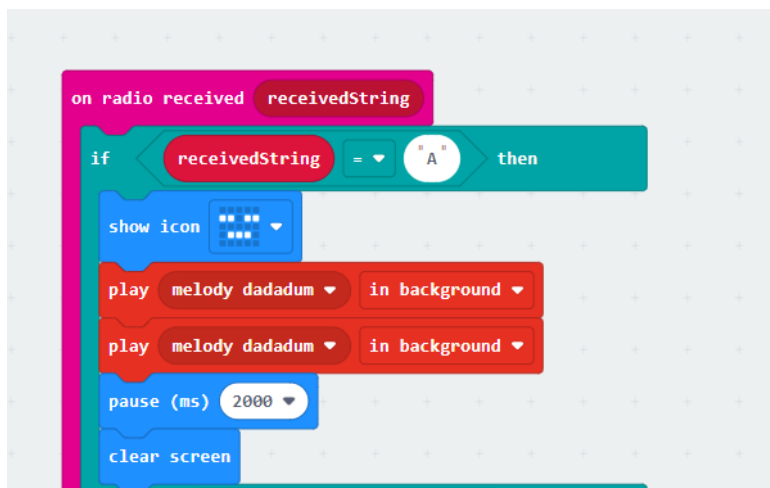


Note Radio Sent A is all that is required to for remove but added the same receive code action on both.

{Step 3} Add receive code

This this the coded that is need to receive a signal

When "A" is received that show icon and play music pause and clear

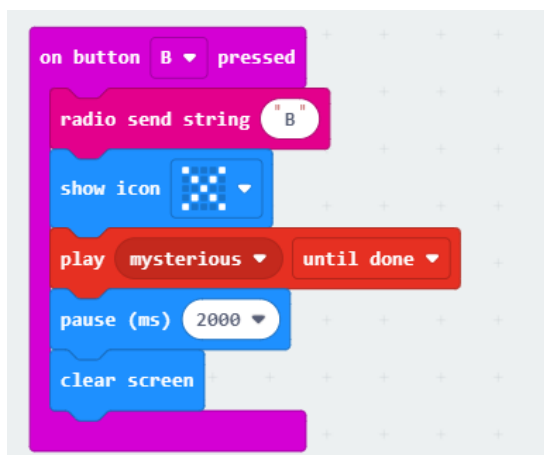


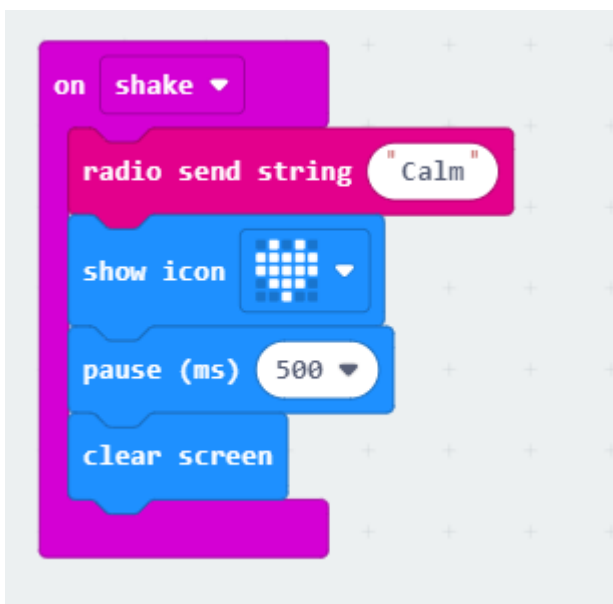
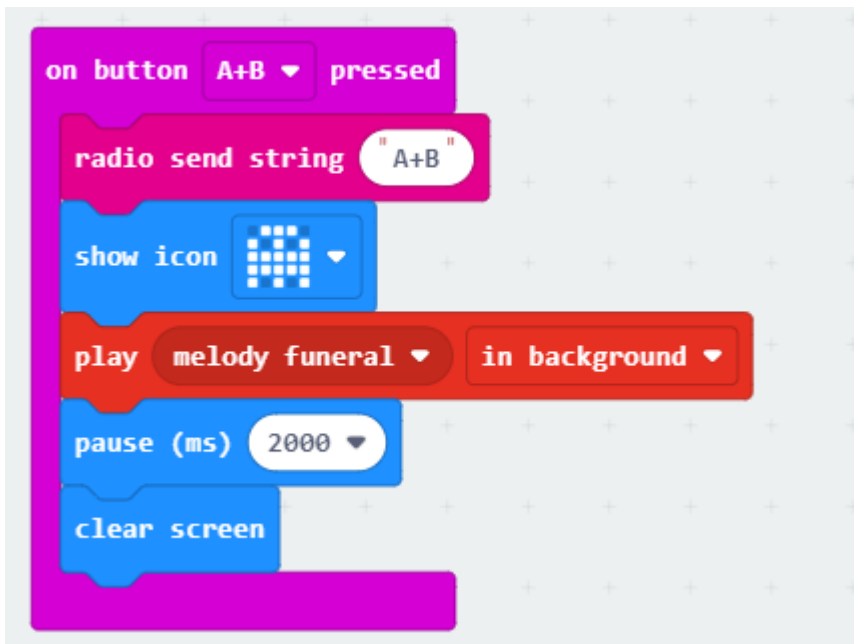
Note you need add the  to the IF Statement to get it to work

Upload same code to both Microbits and Test

{Step 4} for Fun add additional Action

Here we just add more button / action commend and receive command This this the coded that is need to receive a signal





Receive block will look like this

```
on radio received receivedString
  if receivedString = "A" then
    show icon [Icon A]
    play melody dadadum in background
    play melody dadadum in background
    pause (ms) 2000
    clear screen
  else if receivedString = "B" then
    show icon [Icon B]
    play mysterious until done
    pause (ms) 500
    clear screen
  else if receivedString = "A+B" then
    show icon [Icon A+B]
    play melody funeral in background
    pause (ms) 2000
    clear screen
  else if receivedString = "Calm" then
    show icon [Icon Calm]
    pause (ms) 500
    clear screen
  +
```

{Step 5} All the Blocks/code



Link to project

<https://makecode.microbit.org/S45582-50726-53813-36979>

