Morse Code

Python

```python
from microbit import *
import radio


# Channel is the slice of spectrum
# Group is the address filter within that channel
radio.config(channel=2, group=0)
radio.on()


while True:
    # Transmission part
    # Because this program sends and receives, we don't want to
    # put the sleep/clear outside the button press logic, since
    # it will introduce a delay in the loop processing
    if button_a.was_pressed():
        radio.send(".")
        display.show(".")
        sleep(30)
        display.clear()
    elif button_b.was_pressed():
        radio.send("-")
        display.show("-")
        sleep(30)
        display.clear()

    # Receiving part
    recv = radio.receive()
    if recv:
        display.show(recv)
        sleep(200)
        display.clear()
        sleep(100)
```