Polling example:

Receiver's R19 streaming output can be disabled, and the data directed to the receivers internal memory. The memory is a round buffer capable of storing approx 100 ASCII characters.

Assume the system has a receiver R19. Then R19&m130 will direct all output data to the internal buffer, streaming output will be disabled.

R19& b [R19:^70]

Sending the above command will result in the following: given that the hx19ms mode is not silent running, i.e. mode bit 0 is cleared, then data similar to (see below) should come through the USB port. (SEE section on output format for more info).

R19:X40 C6650 U40 |X40 C6655 U40 |X40 C6652 U40 |X40 C6659 U40 |X40

If the buffer is empty, you will see the following response to the command string above.

R19:#

Another polling example:

Given the system has hx19ms-1 R address 1. Then the command M1&m1, sent through the USB port will set the hx19ms-1 into silent mode. Hx19ms-1 will acknowledge this command, by echoing back M1#.

Now try this:

R19&b[M1<R19:^70>]

This command line broadcasted from the hx19ms-1, instructs the R19 to broadcast the command between the brackets, and M1 must respond by transmitting the content between the < > angle brackets through the USB port. So the following is USB transmitted:

R19:X40 C66513 U40
X40 C6655 U40
X40 C6642 U40
X40 C6646 U40
X40 C6#

If | (the or character) is received between brackets, it is interpreted as carriage return by the hx19ms.