Monitor Synchronizer Command Summery

!	Attention all devices. Global call to all devices, monitors included
M&	Public monitor synchronizer call, every HX19MS responds to this call
M#&	Addresses a specific a HX19MS privately, # is the specific numeric device ID.
ee	The device stores current operating parameters on EEPROM
p#	Select RF transmission power, used to control the range bubble (default 3, range 0 through 3)
r#	Select RF input channel range (1 to 125). (default ch. 123 = 2.523GHZ)
t#	Select RF output channel range (1 to 125) (default ch. 123 = 2.523GHZ)
[	The device broadcasts its Receive Buffers excluding first opening and closing brackets
m#	Mode # is a decimal value setting and clearing the mode bits (default 0)
< >	Received data between the first and the last bracket is placed on the serial wire I/O
$	Enables the synchronization strobe
%	Stops the synchronization strobe
g	Get contents of round buffer (polling)
f#	Sample rates f1=4 s/s, f2=8s/s and f4=16s/s
q#	set tag identities to be time multiplexed into (mux) memory syntax (q5: 56,232,20)
s#	M& q0:33 s1 here tag 33 will be called repeatedly. M&q0:33,64 s2 here tags 33 and 64 will be called repeatedly

Mode Byte

Bit.0 Set:	Silent running. No RF data dumping via wire (USB/RS232/RS485)
Bit.1 Set:	Repeater mode enabled. All received RF data is re-broadcasted as it comes.
Bit.2 Set:	Disable broadcast of incoming Wire data
Bit.3 Set:	Enable dedicated RF command mode
Bit.4 Set:	Places an X as data set separator, useful for application programming if the hx19ms is not receiving RF on the tags RF transmission channel.
Bit.6 Set:	Auto start, the device will come up in strobe rate f4, maintain that rate for 16s to surely wake up all sleeping devices. Then it will use the rate in the work registered or last entered rate f1, f2 or f4
Bit.7 Set:	block RF broadcasted data from setting internal parameters

Binary fundamentals Example:

To set bit 0, 1 and 6 compute $2^0 + 2^1 + 2^6 = (1+2+64) = 67$ (and enter M&m67)

To set bit 0, bit 2 and 7 compute $2^0 + 2^2 + 2^7 =$ (1+4+128) = 133 (and enter M& m133)

NOTE: Tags can only accept command strings while strobing, and the hx19ms should not be scanning. Prior to sending commands to tags the hx19ms must receive M&s0 this stops the scanning and places the tags in input mode.