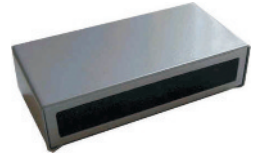


CodeSet 757 - MANCHESTER



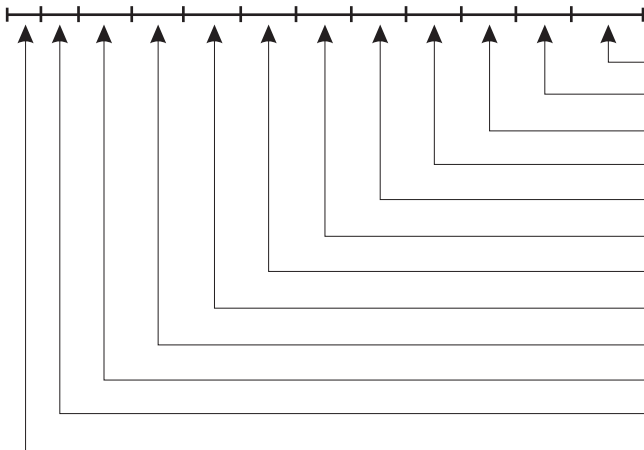
See: Command 039



Command 039 is used to execute CodeSet 757 (Philips RCCM 12, 24, 30 and 32 bits).

The CodeSet holds a number of parameters, allowing you to manipulate the behavior of the signals.

0100039757<1><2><3><4><5><6><7>CHK



- CHK= Checksum(3-digits)
- <7>= Parameter 7 (typically repeat #)
- <6>= Parameter 6 (3-digits, number of bits)
- <5>= Parameter 5 (3-digits, variant)
- <4>= Parameter 4 (3-digits)
- <3>= Parameter 3 (3-digits)
- <2>= Parameter 2 (3-digits)
- <1>= Parameter 1 (3-digits)
- 757= CodeSet (757 = RCCM)
- 039= Command (3-digits, ControlAction=039)
- 00= From (2-digits, PC = 00)
- 01=To(2 digits, default = 01)

Manipulating the codeset

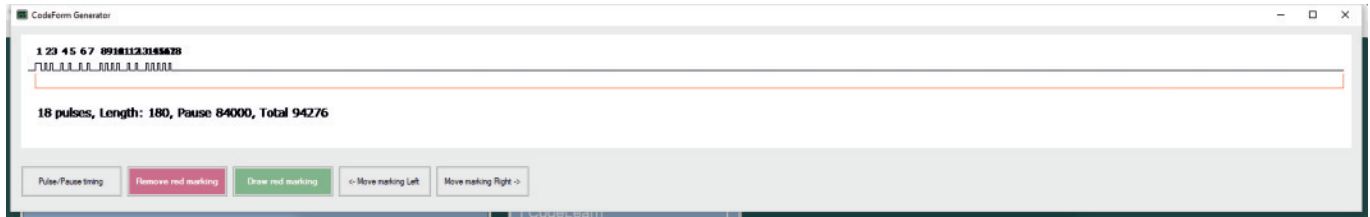
Parameter 6 specifies the number of bits

75700000000000000000000000000003=Command
 ┌───┐
 ↑
 Typically 12, 24, 30, 32, 36 bits

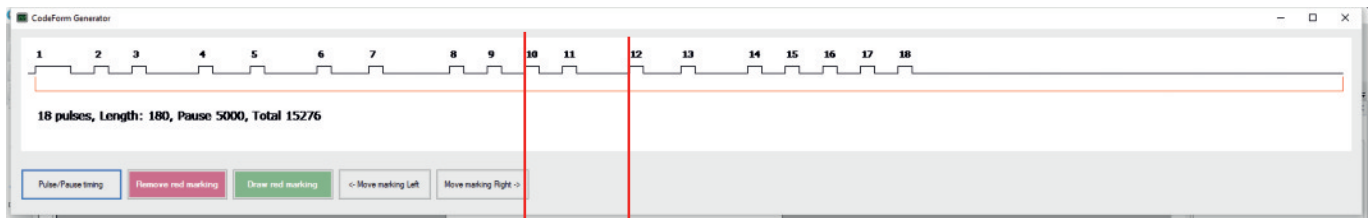
Parameter 5 specifies the variant

757000000000000000000000000000003=Command
 ┌───┐
 ↑
 For 32 bits: 001 = No toggle bit

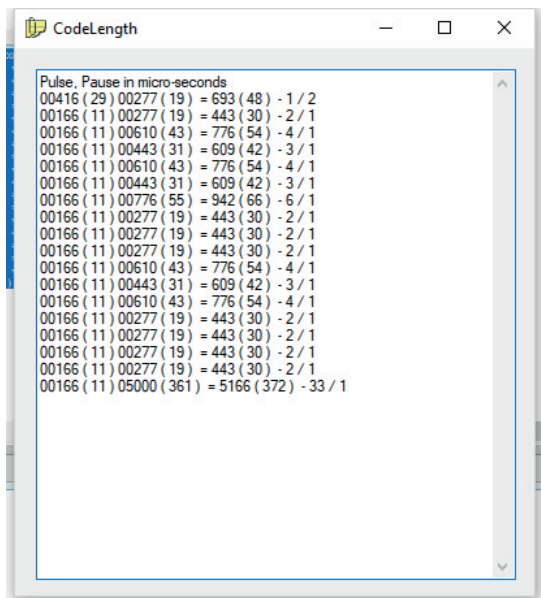
Original timing (Pause = 84000 ms)



Code 1: Pause reduced to 5000 ms = 757038112038000000032003



Code 2: Pause reduced to 5000 ms = 757038112166000000032003



Pulses:

All are 166 ms long

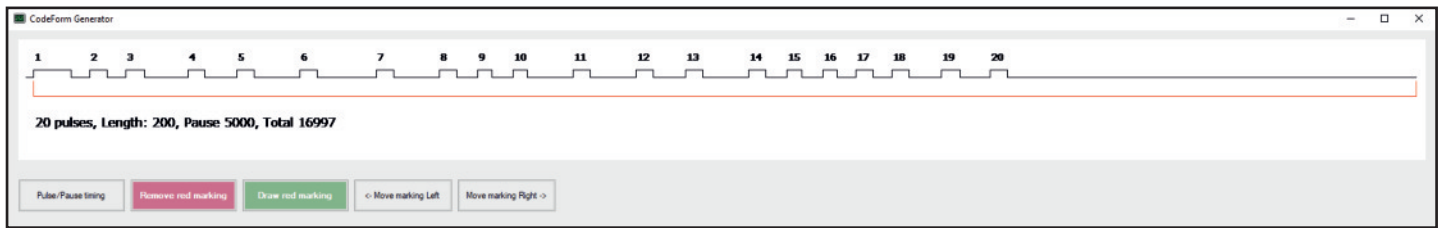
Pauses:

4 different timelengths: 277, 443, 610, 776

3'rd byte = 038 or 166

166 - 038 = 128 (bit 7 is toggle bit)

Sagemcom RT190-320HD Boxer, 36 bits



00455 (35) 00231 (17) = 686 (52) - 1 / 3
 00216 (17) 00231 (17) = 447 (34) - 2 / 2
 00211 (17) 00564 (43) = 775 (60) - 3 / 1
 00208 (15) 00401 (31) = 609 (46) - 3 / 1
 00208 (15) 00564 (43) = 772 (58) - 3 / 1
 00207 (15) 00726 (55) = 933 (70) - 4 / 1
 00211 (17) 00564 (43) = 775 (60) - 3 / 1
 00208 (15) 00231 (17) = 439 (32) - 2 / 1
 00212 (17) 00231 (17) = 443 (34) - 2 / 2
 00211 (17) 00231 (17) = 442 (34) - 2 / 2
 00212 (17) 00564 (43) = 776 (60) - 3 / 1
 00207 (15) 00398 (31) = 605 (46) - 3 / 1
 00207 (15) 00564 (43) = 771 (58) - 3 / 1
 00212 (17) 00230 (17) = 442 (34) - 2 / 2
 00211 (17) 00266 (21) = 477 (38) - 2 / 1
 00172 (13) 00231 (17) = 403 (30) - 2 / 1
 00212 (17) 00231 (17) = 443 (34) - 2 / 2
 00211 (17) 00401 (31) = 612 (48) - 2 / 1
 00207 (15) 00401 (31) = 608 (46) - 3 / 1
 00207 (15) 65000 (4941) = 65207 (4956) - 330 / 1