From: Dewayne
Subject: Scheduled Event

Tech,

Is there a way to set a timed event in Compass Control? For example – if we want to reset settings on a TV or reset volume levels/mute settings at 2:00 AM each night. Let me know.

Thanks,

Hello Dewayne!

Yes, Compass Control can support scheduled events. A scheduled event should be tied in with our system variables. System variables are linked to the internal clock of the iPad, so it is important that you have an always-present, active iOS controller as the host for these scheduled events.

Compass Navigator System Variables		
Variable Name	**Description**	**Example Value**
#year	year	2014
#yday	day of year	1 - 365
#mday	day of month	1 - 31
#wday	day of week	Mon - Sun
#month	month of year	1 - 12
#week	week of year	1 - 52
#date	short date	Jan 29
#ydate	full date	01/29/2014
#rdate	reverse date	29.01.2013
#time	time	7:30pm
#ftime	full time	19:30
#stime	full time with seconds	19:30:55
#battery	battery life percent	0 - 100
#touch	screen touch	0 - 1
#gyro	iPad motion	0 - 1

Here is an example similar to the scenario you've described:

-I will use the system variable #ftime (full time… aka military time)
-I have added a change value event to that variable so that as that variable's value changes, the event will occur
-The change value event contains an IF statement, which I have set to 2:00 (2am)
-Here we show IR commands, however it could of course also be a GUI event. For example, if #battery = 5, then a graphic can popup that will tell the user to charge the iPad, etc.

Variables

S I D B

Pwr_test_Mar2014
System
  #battery
  #date
  #ftime
  #mday
  #month
  #rdate
  #stime
  #time
  #timer_h
  #timer_m
  #timer_s
  #wday
  #week
  #ydate
  #yday
  #year
Index
Project

Page Designer

ZonePage
  whiskeyrowe
  wood5
  TopNavigate_Grp_410x47
  Zone_Select_grp_305x381
    Z1_Btn_Grp_290x45
    Z2_Btn_Grp_290x45
    Z3_Btn_Grp_290x45
    Z4_Btn_Grp_290x45
    Z_ALL_Btn_Grp_290x45
    Z_Projo_Btn_Grp_290x45
    Z_Audio_Btn_Grp_290x45

Properties

Variable

Name (ID) #ftime

Variable Type
  Array
  Timer Type : string

Link to Hardware Device
  Device :
  Control :

Initial Value (Same)

Limitations
  Min 0   Max 0

Location
  In MC Controller Inside

Comments:

Events & Actions

changeValue

IF (Var@#ftime = 2:00) do(2)
    VARIABLE (Var@VolumeOut1 = "0")
    IR Send("#POWER OFF") to Device("Bar_1")
ELSE do(0)
END IF