Command Mobile Module External Switch Setup February 2020



MobileCollect Wireless



Overview

 Setup instructions to use an external switch to request a gage reading through a Command Mobile Module transmitter (CMM)

(2010 - 2018)

- Instructions compatible with:
 - CMM with RM2.4 radio (2018-present)
 - CMM with ATZB radio



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Compatible Devices

Receivers



USB Base



Wedge/USB Base



External Switch



Foot switch



Hand switch

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Find Base



Open the MobileCollect Extended Setup program

- 1. Click on "Find Base Unit" button
- 2. Base information displays in upper left corner

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Setup Mode



Select Mobile Module Setup tab

Do the association button sequence

- Press & hold Setup button
- Press & release Read button
- Release Setup button
- When LEDs flash quickly, press & release Setup button

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Not Associated Message

Current Command Mobile Module parameters: Model number MC-C2R-A717100711541610 Target Base ID = 7A0911 Module label = A75416 Model number = MC-CMM-R2 PAN ID = 3301 Rad mode = Single Firmware version = 5.18 Base Network S/N = 2 area0308-160911 Module recommend Model Perchannel = 21 Base Network S/N = area0308-160911 Module Perchannel = 21 Base Retwork S/N = area0308-160911 Module Perchannel = 21 Base RF Channel = 21 Radio type = RM2.4 Metwork S/N = a7121007-11541610 Base RF Channel = 21 User definable Command Mobile Module parameters: Gage type = Mitutiono output Target Base ID 740911 PAN ID 330 Read mode Single Read with Button Press @ Do not change current Mobile Module association RF Channel Command Mobile Module State = Active Associate with Base unit connected to this setup program Command Command Mobile Module State = Active - Associate with Base unit connected to this setup program - Associate with Base unit connected to this setup program Instructions: The Mobile Module must be in the setup mo	
Module ID = A75416 Serial number = MC-C2R-A717100711541610 Target Base ID = 7A0911 Module label = A75416 Model number = MC-CMM-R2 PAN ID = 3301 Rad mode = Single Firmware version = 5.18 Base Network S/N = 2xet0308-160911 Module label = A75416 Model number = 4.18-19 12:38:24 Base Network S/N = 2xet0308-160911 Module P = RM2.4 Network S/N = a7121007-11541610 Base RF Channel = 21 Gage brace = Mindrop output Executions: The Mobile Module parameters: Command Mobile Module base association: Module label A75416 (maximum 8 characters) Executions: Target Base ID 7A0911 PAN ID 330 Read mode Single Read with Button Press @ Do not change current Mobile Module association RF Channel 21 @ Do not change current Mobile Module association	
Module label = A75416 Model number = MC-CMM-R2 PAN ID = 3301 Read mode = Single Firmware version = 5.18 Base Network S/N = Zrot0308-160911 Battery voltage = 3.08/3.08 Firmware date = 4+18-19 12:38:24 Module to channel = 21 Radio type = RM2.4 Network S/N = a7121007-11541610 Base Retwork S/N Base RF Channel = 21 User definable Command Mobile Module parameters: Command Mobile Module parameters: Target Base ID 7A0911 PAN ID 330 Read mode Single Read with Button Press RF channel Channel 21 @ 2.455 GHz Base Network S/N 7a180308-16091110 RF Channel 21 Command Command Mobile Module State = Active Associate with Base unit Select Base Unit Instructions: The Mobile Module must be in the setup mode in order to receive updates from this dialog. - - - - - - - - - - - - - - - - - - - - - - - - - - - -	
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Battery voltage = 3.08/3.08 Firmware date = 4-18-19 12:38:24 Module Prochamel = 21 Radio type = RM2.4 Network 5/N = a7171007-11541610 Base RF Channel = 21 Base NF Command Mobile Module is not associated with the current Base unit. Image: Command Mobile Module parameters: Image: Command Mobile Module parameters: Target Base ID 7A0911 PAN ID 330 Description Command Mobile Module Single Read with Button Press Image: Command Mobile Module association RF Channel 21 Read mode Single Read with Button Press Image: Command Mobile Module association RF Channel 21 Ref channel Channel 21 @ 2.455 GHz Image: Command Mobile Module association Associate with Base unit Connected to this setup program Associate with Base unit Connected to this setup program Command Command Mobile Module State = Active Associate with another Base unit Select Base Unit Instructions: The Mobile Module must be in the setup mode in order to receive updates from this dialog. Press and hold the Stup Jutton on the Mobile Module. Press mode and release the Read button. Select Base Unit Press mode hold the IEBos statut to fisher release the Setup button. Hende Hondel IEBos Ital to fis	10
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Loade base = Multiple output The Mobile Module is not associated with the current Base unit. Image: Command Mobile Module parameters: Module label A75416 (maximum 8 characters) Description Command Mobile Module PAN ID 330 Read mode Single Read with Button Press Image: Command Mobile Module association RF Channel 21 Read mode Single Read with Button Press Image: Command Mobile Module association RF Channel 21 Command Command Mobile Module State = Active Image: Command Mobile Module association Remove the Mobile Module association Command Command Mobile Module State = Active Associate with Base unit Connected to this setup program Instructions: The Mobile Module must be in the setup mode in order to receive updates from this dialog. Press and hold the Setup button on the Mobile Module. • Press and release the Read button. One button set to finish release the Setup button. Setup and the setup and the mobile Module. • Press and release the Read button. One butto finish release the Setup button. Setup and the setup and the setup button. • One butto finish release the Setup button. One butto finish release the Setup button. Setup and the setup and the setup button. <td></td>	
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Description Command Mobile Module Read mode Single Read with Button Press RF channel Channel 21 @ 2.455 GHz Command Command Mobile Module State = Active Command Command Mobile Module State = Active Instructions: Associate with another Base unit Select Base Unit Serves the Mobile Module must be in the setup mode in order to receive updates from this dialog. - Press and hold the Setup button. Once both LEDs start to fish release the Setup button. Once both LEDs start to fish release the Setup button.	1
Read mode Single Read with Button Press RF channel Channel 21 @ 2.455 GHz Command Command Mobile Module State = Active Command Command Mobile Module State = Active Instructions: Associate with Base unit Select Base Unit Select Base Unit - Press and hold the Setup button on the Mobile Module. - Press and release the Read button. - Orce both LEDs start to fiash release the Setup button. 200 mere (6 2 exceeds).	
RF channel Channel 21 @ 2.455 GHz Remove the Mobile Module association Associate with Base unit connected to this setup program Associate with another Base unit Select Base Unit Instructions: The Mobile Module must be in the setup mode in order to receive updates from this dialog. Press and hold the Setup button on the Mobile Module. Press and release the Read button. Once both LEDs start to flash release the Setup button. 	
Command Command Mobile Module State = Active Associate with another Base unit Select Base Unit	
Instructions: The Mobile Module must be in the setup mode in order to receive updates from this dialog. - Press and hold the Setup button on the Mobile Module. - Press and release the Read button. - Once both LEDs start to flash release the Setup button.	
Instructions: The Mobile Module must be in the setup mode in order to receive updates from this dialog. - Press and hold the Setup button on the Mobile Module. - Press and release the Read button. - Once both LEDs start to flash release the Setup button.	
- when the Mobile Module is in the setup mode, both LEDS will hash every soot insec (0.5 seconds).	
You can change the Mobile Module parameters even if the Module is not associated with the current Base.	tup to lodule
The Mobile Module will automatically exit the setup mode after 60 seconds of no activity.	
	_

If the transmitter is not associated (linked) to this Base receiver, you will see the RED message

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Select Receiver

onfigure Mobile	eCollect Command Mo	obile Module				
Current Commani Module ID Module label Read mode Battery voltage Radio type	d Mobile Module paramet = A75416 = A75416 = Single = 3.08/3.08 = RM2.4	ers: Serial number Model number Firmware version Firmware date Network S/N	<pre>= MC-C2R-A7171007 = MC-CMM-R2 = 5.18 = 4-18-19 12:38:2 = a7171007-115416</pre>	711541610 4 10	Target Base ID PAN ID Base Network S/N Module RF Chann Base RF Channel	= 7A0911 = 3301 = 7a180308-16091110 el = 21 = 21
The Mobile Mo	odule is not associated	Gage type with the current Bas	= Mitutoyo output			
User definable Co	ommand Mobile Module pa	arameters:		Command Mobile Moo	dule base association:	
Module label	A75416 (ma	aximum 8 characters)		Target Base ID	460335	PAN ID e798
Description	Command Mobile Modu	le		Base Network S/N	46171107-15033510	RF Channel 21
Read mode	Single Re	ead with Button Press		O Do not change c	urrent Mobile Module associatio	n
RF channel	Chann	el 21 @ 2.455 GHz		Remove the Mol Associate with B	bile Module association ase unit connected to this setup	program 1
Command	Command Mo	bile Module State = Ac	tive	Associate with a	nother Base unit Select	Base Unit
Instructions:						
The Mobile Modu - Press and ho - Press and rel - Once both LE - When the Mo	ule must be in the setup n Id the Setup button on th lease the Read button. EDs start to flash release to bbile Module is in the setu	mode in order to receiv e Mobile Module. the Setup button. up mode, both LEDs wil	ve updates from this dia I flash every 300 msec	(0.3 seconds).		
You can change	the Mobile Module param	neters even if the Modu	le is not associated wit	h the current Base.		2 Send Setup to Mobile Module
The Mobile Mout	are this datamatically exit	are satup mode diter t				Close

- To complete association with this receiver, select "Associate with Base unit connected to this Setup program" option
- 2. Press "Send Setup to Mobile Module" button



CMM Associated

urrent Command	Mobile Module paramet	ers:						
Module ID	= A75416	Serial number	= MC-C2R-A7171007	11541610	Target B	ase ID =	460335	
Module label	= A75416	Model number	= MC-CMM-R2		PAN ID	=	e798	
Read mode	= Single	Firmware version	= 5.18		Base Net	work S/N =	46171107 1	033510
Battery voltage	= 3.08/3.08	Firmware date	= 4-18-19 12:38:24		Module R	F Chappel =	21	
Radio type	= RM2.4	Network S/N	= a7171007-1154161	D	Base RF	Channel =	21	
		Gage type	= Mitutovo output					
The Mobile Me	dulo is accosisted with	Baco unit connocto	d to this sotup progra					
The mobile mo	dule is associated with	Dase unit connecte	d to this setup progra					
cor dofinable Co	mmand Mobile Medule n	aramotors:		Command Mobile Mo	lulo haco accociation:			
sei dennable Co	ninana mobile module p	arameters.		Command Mobile Mo	iule base association.			
Module label	A75416 (ma	ximum 8 characters)		Target Base ID	460335		PAN ID	e798
Description	Command Mobile Modu	le		Base Network S/N	461/110/-15033510		RF Channel	21
Read mode	Single Re	ad with Button Press						
ricus moue	onigie ru			Do not change c	urrent Mobile Module a	ssociation		
RF channel	Chann	el 21 @ 2.455 GHz		Remove the Mol	ile Module association			
				 Associate with B 	ase unit connected to t	this setup prog	ram	
Command	Command Mo	bile Module State = A	ctive	○ Associate with a	nother Base unit	Select Base	Unit	
				0			onne	
structions:								
he Mobile Modu	le must be in the setup r	node in order to receiv	ve updates from this dial	og.				
 Press and rel Press and rel 	ease the Read button.	e mobile module.						
- Once both LE	Ds start to flash release	the Setup button.						
- When the Mo	bile Module is in the setu	ip mode, both LEDs wi	ll flash every 300 msec (0.3 seconds).				
'ou can change t	he Mobile Module param	eters even if the Modu	le is not associated with	the current Base.			Se	nd Setup to
	le will automatically exit	the setun mode after i	50 seconds of no activity				Mo	bile Module
ne Monile Modi	a min automuticulty chit	and becap mode ditter i	so seconds of no delivity					
ne mobile modu							f	

- Message changes and text is now GREEN
 - The Command Mobile Module is associated to the Base receiver



Command Function

urrent Comman	d Mobile Module parame	ters:						
Module ID	= A75416	Serial number	= MC-C2R-A71710071	1541610	Target	Base ID	= 460335	
Module label	= A75416	Model number	= MC-CMM-R2		PAN ID		= e798	
Read mode	= Single	Firmware version	= 5.18		Base Ne	twork S/N	= 46171107-1	5033510
Battery voltage	= 3.08/3.08	Firmware date	= 4-18-19 12:38:24		Module	RF Channel	= 21	
Radio type	= RM2.4	Network S/N Gage type	= a7171007-11541610 = Mitutoyo output	0	Base RF	Channel	= 21	
The Mobile M	odule is associated with	n Base unit connecte	ed to this setup program	1.		/		
ær definable Co	mmand Mobile Module p	arameters:		Command Mobile Moo	lule base association			
Module label	A75416 (mi	aximum 8 characters)		Target Base ID	460335		PAN ID	e798
Description	Command Mobile Modu	le		Base Network SH	46171107-1503351	.0	RF Channel	21
Read mode	Single R	ead with Button Press		Do not change c	urrent Mobile Module	association		
RF channel	Chann	el 21 @ 2.455 GHz		Remove the Mot	ile Module associatio	n		
Γ				Associate with B	ase unit connected to	this setup pro	ogram	
Command	Comman	d Function is Disabled		O Associate with a	nother Base unit	Select Bas	e Unit	
structions								
he Mobile Modu - Press and ho - Press and re - Once both LE - When the Mo	le must be in the setup i ld the Setup button on th lease the Read button. Ds start to flash release obile Module is in the setu	node in order to recei e Mobile Module. the Setup button. up mode, both LEDs wi	ve updates from this dialo II flash every 300 msec (0	g. 1.3 seconds).				
ou can change	the Mobile Module paran	neters even if the Modi	ule is not associated with	the current Base.			Se	nd Setup to bile Module
ne monie Modi	lie will automatically exit	the setup mode after	ou seconds of no activity.					

- Command mode must be active to transfer data with external switch
- If "Command Function is Disabled" is displayed, you will need to enable the Command mode feature – see following slide



Enable Command Mode

Module ID = A75416 Serial number = MC-C2R-A717100711541610 Target Base ID = 460335 Module label = A75416 Model number = MC-CMM-R2 PAN ID = 6798 Read mode = Single Firm Command Mobile Module Setup * 4617111 Battery voltage = 3.08/3.08 Firm Command Mobile Module Setup: 21 The Mobile Module is associated with Base it * Command features in Command Mobile Module * 21 Jser definable Command Mobile Module parameter Instructions: * * 21 21 Module label A75416 (maximum features are disabled in a Command Mobile Module (CMM), you will only be to obtain gage readings by pressing the Read button on the Mobile Module or the Read button on a Mitutoyo gage cable. * PAN ID Description Command Mobile Module * The CMM modes (Active, Standby & Extended Standby) and timeouts are control by the Base. These modes and timeouts can be configured on the Main Setup tab. * PAN ID Read mode Single Read with * * * * * Module label Command Mobile Module * * * * * *	ni Command Mid	obile Module parar	meters:				
Model label = A75416 Model number = MC-CMM-R2 PAN ID = 6798 Read mode = Single Firm Command Mobile Module Setup 4617111 Battery voltage = 3.08/3.08 Firm Command Mobile Module Setup 21 Radio type = RM2.4 2 Enable command features in Command Mobile Module 21 The Mobile Module is associated with Base u Instructions: Instructions: 1 1 Jser definable Command Mobile Module A75416 (maximum features are disabled in a Command Mobile Module or the Read button on the Mobile Module or the Read button on a Mitutoyo gage cable. The CMM modes (Active, Standby & Extended Standby) and timeouts are control by the Base. These modes and timeouts can be configured on the Main Setup tab. PAN ID Read mode Single Read with 3 OK Cancel Medel to bannel 21 @ Command Function is Disabled Associate with another Base unit Select Base Unit	iule ID	= A75416	Serial r	umber = MC-C2R-A717100711	541610	Target Base ID	= 460335
Read mode = Single Firm Command Mobile Module Setup 4617110 Battery voltage = 3.08/3.08 Firm Command Mobile Module Setup: 21 Radio type = RM2.4 Image: Command Mobile Module Setup: 21 21 The Mobile Module is associated with Base u Instructions: Image: Command features are disabled in a Command Mobile Module (CMM), you will only be able to obtain gage readings by pressing the Read button on the Mobile Module or the Read button on a Mitutoyo gage cable. PAN ID Module label A75416 (maximum t The CMM modes (Active, Standby & Extended Standby) and timeouts are control by the Base. These modes and timeouts can be configured on the Main Setup tab. PAN ID Read mode Single Read with 3 OK Cancel Bescription Channel 21.6 Medule is blabled Associate with nother Base unit Select Base Unit	lule label	= A75416	Model	number = MC-CMM-R2		PAN ID	= e798
Radio type = RM2.4 21 Command Mobile Module is associated with Base u Instructions: 21 The Mobile Module is associated with Base u Instructions: 1 Jser definable Command Mobile Module parameter Instructions: 1 Module label A75416 (maximum e Description Command Mobile Module The CMM mode (Active, Standby & Extended Standby) and timeouts are control by the Base. These modes and timeouts can be configured on the Main Setup tab. PAN ID Read mode Single Read with 3 OK Cancel Command Function is Disabled Associate with another Base unit Select Base Unit	d mode tery voltage	= Single = 3.08/3.08	Firm	Command Mobile Module Setup		×	46171107-15033510 21
The Mobile Module is associated with Base u Instructions: Jser definable Command Mobile Module parameter If the command features are disabled in a Command Mobile Module (CMM), you will only be able to obtain gage readings by pressing the Read button on the Mobile Module or the Read button on a Mitutoy gage cable. Module label A75416 (maximum e Read button on a Mitutoy gage cable. Description Command Mobile Module The CMM modes (Active, Standby & Extended Standby) and timeouts are control by the Base. These modes and timeouts can be configured on the Main Setup tab. PA N ID Read mode Single Read with 3 OK Cancel Reschangel Channel 21 @ Reschanger with pase with connected to one secup program Command Function is Disabled Associate with another Base unit Select Base Unit	io type	= RM2.4	2	Command Mobile Module Setup:	mmand Mobile Module		21
Jser definable Command Mobile Module parameter Instructions: Module label A75416 (maximum Description Command Mobile Module The cMM modes (Active, Standby & Extended Standby) and timeouts are control by the Base. These modes and timeouts can be configured on the Main Setup tab. PAN ID Read mode Single Read with Image readings by pressing the Read button on the Mobile Module or the Main Setup tab. PAN ID Read mode Single Read with Image readings by pressing the Read button on the Main Setup tab. PAN ID Rechannel Channel 21 0 Image readings by pressing the Read button on the Main Setup tab. PAN ID Command Command Function is Disabled Image readings by pressing the Read with another Base unit Select Base Unit	Mobile Modu	le is associated v	with Base u				
Seer deminatie Command Mobile Module parameter If the command features are disabled in a Command Mobile Module (CMM), you will only be able to obtain agar earlings by pressing the Read button on the Mobile Module or the Read button on a Mitutoyo gage cable. PAN ID Description Command Mobile Module The CMM modes (Active, Standby & Extended Standby) and timeouts are control by the Base. These modes and timeouts can be configured on the Main Setup tab. PAN ID Read mode Single Read with 3 OK Cancel Reschangel Channel 21.0 PASOciate with base unit connected to units securp program Cancel Command Image: Command Function is Disabled Associate with another Base unit Select Base Unit				Instructions:			
Module label A75416 (maximum e Read button on a Mitutoron gage cable. PAN ID Description Command Mobile Module The CMM modes (Active, Standby & Extended Standby) and timeouts are control by the Base. These modes and timeouts can be configured on the Main Setup tab. PAN ID Read mode Single Read with Base. These modes and timeouts can be configured on the Main Setup tab. PAN ID Ref channel Channel 21 @ Cancel Command Command Function is Disabled Associate with another Base unit Select Base Unit	letinable Comm	and mobile module	e parameter	If the command features are disable be able to obtain gage readings by	ed in a Command Mobile Modu pressing the Read button on the	ule (CMM), you will only be Mobile Module or the	
Description Command Mobile Module The CMM modes (Active, Standby & Extended Standby) and timeouts are control by the Base. These modes and timeouts can be configured on the Main Setup tab. RF Char Read mode Single Read with Base. These modes and timeouts can be configured on the Main Setup tab. RF Char Re channel Channel 21 @ Cancel Command Command Function is Disabled Associate with another Base unit	Jule label A7	/5416 ((maximum 8	Read button on a Mitutoyo gage cal	ble.		PAN ID e798
Read mode Single Read with RE channel Channel 21 @ Command Function is Disabled Command	cription Co	ommand Mobile Mo	odule	The CMM modes (Active, Standby 8 Base. These modes and timeouts of	& Extended Standby) and timeo can be configured on the Main	outs are control by the Setup tab.	RF Channel 21
RE channel Channel 21 @ 3 OK Cancel Command Command Function is Disabled Associate with another Base unit Select Base Unit	d mode	Single	e Read with				1
Command Function is Disabled OAssociate with another Base unit Select Base Unit	channel	Ch	annel 21 @		3 🗖	OK Cancel	
Associate with another Base unit Select Base Unit	nmand	1 Comm	nand Function	s Disabled		onnected to this setup pro	ng gram
	Ц				O Associate with another Ba	se unit Select Bas	e Unit
nstructions:	ctions:						
The Mobile Module must be in the setup mode in order to receive updates from this dialog. Press and hold the Setup button on the Mobile Module. Press and release the Read button. Once hold I. PES start to flash release the Setup hutton.	Andrika Mandalana	nust be in the setu ne Setup button or	up mode in oro n the Mobile M	er to receive updates from this dialog odule. utton			
- When the Mobile Module is in the setup mode, both LEDs will flash every 300 msec (0.3 seconds).	ress and hold th ress and releas nce both LEDs	e the Read button. start to flash relea	se the Setup b	accord.			
	ress and hold ti ress and releas ince both LEDs s /hen the Mobile	e the Read button start to flash relea Module is in the s	se the Setup t setup mode, b	oth LEDs will flash every 300 msec (0.3	3 seconds).		

- 1. Press the Command mode button
 - Opens Command
 Mobile Module Setup
- 2. Check box "Enable command features in CMM".

3. Click "OK"

4. Press "Send Setup to Mobile Module"



Module ID

moutile ID	= A75416	Serial number = MC-C2R-	4717100711541610	Target Base ID	= 460335	
Module label	= A75416	Model number = MC-CMM-	R2	PAN ID	= e798	
Read mode	= Single	Firmware version = 5.18		Base Network S/N	= 46171107-15	6033510
Battery voltage	= 3.08/3.08	Firmware date = 4-18-19	12:38:24	Module RF Channel	= 21	
Radio type	= RM2.4	Network S/N = a7171007 Gage type = Mitutoyo dialaya	7-11541610 output	Base RF Channel	= 21	
The Mobile Mo	dule is associated with	Base unit connected to this setu	ip program.			
ser definable Cor	nmand Mobile Module pr	arameters:	Command Mobile Module bas	e association:		
Module label [A75416 (ma	iximum 8 characters)	Target Base ID 46033	15	PAN ID	e798
Description	Command Mobile Modu	le	Base Network S/N 46171	107-15033510	RF Channel	21
Read mode	Single Re	ad with Button Press	Do not change current M	lobile Module association		
RF channel	Channe	el 21 @ 2.455 GHz	Remove the Mobile Mode Associate with Base unit	ule association connected to this setup p	rogram	
Command	Command Mol	bile Module State = Active			-	
				Select ba	ise Unit	
structions:						
he Mobile Modul	e must be in the setup n d the Setup button on the ease the Read button.	node in order to receive updates from e Mobile Module. the Setup button.	n this dialog.			
 Press and hole Press and relet Once both LEE When the Mot 	Ds start to flash release to bile Module is in the setu	ip mode, both LEDs will flash every 3	oo mace (o.a acconda).			

- Note your CMM Module ID number, it is needed to complete the setup
 - This module ID is
 A75416
- Click "Close" button



Module ID Channel

Chan			-								1 1 2	see and				J
Chan					1	50	nd to Ho	st Com	uter Refer	e (B) or Af	or (A) N	loasureme	nt			
han Active	Module Type	Module ID	Meas Format	Text Field	Delimiter Char	Chan 00 to 30	Chan A to Z	Text Field	Module ID	Module Label	Units	Battery Status	Signal Strength	TxD Attempt	EOP Char	
obal Yes	All		Pass		{Comma}	lan and the second		1				Second St.	Second and		{CR}	
1 Yes	Mobile		Piss		{Comma}										{CR}	
2 Yes	Mobile		Pass		{Comma}										{CR}	
3 Yes	Mobile	1	Pass		{Comma}									1	{CR}	
4 Yes	Mobile		Pass		{Comma}										{CR}	1
5 Yes	Mobile		Pass		{Comma}										{CR}	
5 Yes	Mobile		Pass		{Comma}									1	{CR}	18
7 Yes	Mobile		Pass		{Comma}										{CR}	
8 Yes	Mobile	1	Pass		{Comma}										{CR}	
9 Yes	Mobile		Pass		{Comma}										{CR}	
0 Yes	Mobile	1	Pass		{Comma}										{CR}	1
1 No	Mobile		Pass		{Comma}										{CR}	
2 No	Mobile		Pass		{Comma}										{CR}	
3 No	Mobile		Pass		{Comma}										{CR}	
14 No	Mobile		Pass		{Comma}										{CR}	18
15 No	Mobile		Pass		{Comma}			S							{CR}	- 1
uned channels ar Dutput formats: Use settings in a	no cells that ci above grid	mot be mod	imed are dis	prayed with	v Re	set Grid	Si	ample ou 3.5795(c	elect rows i tput for cur (R)	n chan coli	mn and	arag with l	en mouse bu lue = 3.5795	iton pressed		

Base Setup tab

- Module ID column
- Select the first available row below the Global Channel.
 - Using Channel 1 in this example



Mobile Module ID

	12-	- Catal			1			-	1 -	1002 1		10.46	244		(A)	22112-02
ome	Bas	se Setup	Mobile	Module So	etup	RS-232 F			Pars	10 #1	Parse #2	Pa	ILCS TO	Digita		
								Send to I	Host Com	ther before	e (B) or Af	ter (A) N	leasureme	ent		
	Chan	Module	Module	Meas	Text	Delimiter	Chan	chai	Text	Module	Module	Haite	Battery	Signal	TxD	EOP
bal	Yes	All	IU	Pass	Fleid	(Comma)	00 to 3	Ato	2 Field	10	Label	Units	Status	Strength	Attempt	(CR)
- And	Yes	Mobile		Pass		(Comma)		-								(CR)
	Yes	Mobile		Pass		{Comma}		1			1					(CR)
3	Yes	Mobile	1	Pass		(Comma)										(CR)
	Yes	Mobile		Pass		(Comma)										(CR)
Mol	bile Mod	lule ID Selecti														×
			age of the second s													-
M	odule ID	Module Type		Module Label	Descri	ption	R	F Chan	Serial Nur	nber			Sel	ect the Modu	le ID by pre:	sing -
08	4712	MobileCollect	Mint	084712	Mini M	obile Module	2	1	MC-M3R-0	817100515	471210		the	Select butto	n or couble- lule ID in the	liet
25	4716	MobileCollect	Mini		Mini M	obile Module	2	1	MC-M3R-2	817100706	471610		ule	dealed hou	ule to in the	Hats La
40	4327	MobileCollect	Mini	404327	Mini M	obile Module	2	1	MC-M3R-4	018100815	432710		То	delete a Mod	lule ID, selec	t the
68	1340	MobileCollect	Mini	681340	Mini M	obile Module	2	1	MC-M3R-6	818062910	134010		iten	n to delete a	nd press the	
88	481F	MobileCollect	Mini	Caliper	Mini M	obile Module	2	1	MC-XMM-	BE0000151	C481F01		"En	able multiple	selections"	VOU
AS	51997	MobileCollect	Command	A51997	Comm	and Mobile Mo	dule 2	1	MC-CMM-	A50000138	8199701		can	use the Shit	t or Ctri key	s .
A	75416	MobileCollect	Command	A75416	Comm	and Mobile Mo	dule 2	1	MC-C2R-A	717100711	541610		with	h the left mo	use button b	
A	40910	MobileCollect	Mini	AA0910	Mini M	obile Module	2	1	MC-M3R-A	A18042006	091010		sele	act multiple if	tems for	
D	13557	MobileCollect	Mini	D43557	Mini M	obile Module	2	1	MC-M3R-D	418030606	355710		dea	euon.		
E/	2303	MobileCollect	Mini	EA2303	Mini M	obile Module	2	1	MC-M3R-E	A17101206	230310		Clic	k on a colum	in header to	sort
F	C37C2	MobileCollect	RS-232	FC37C2	RS-23	2 Mobile Modu	le 2	1	MC-RMM-	FC0000124	037C201		the	list.		-
													_			
-														Enable mult	tiple selectio	ns
-														In the second	-	
1.1															ete	

- Right click in the Channel 1 "Module ID" box
 - Yellow highlighted box
 - The Mobile Module ID Selection box appears

MobileCollect Wireless



Select Module ID

Module ID	Module Type	Module Label	Description	RF Chan	Serial Number	Select the Module ID by pressing
084712	MobileCollect Mini	084712	Mini Mobile Module	21	MC-M3R-0817100515471210	the desired Module ID in the list.
2B4716	MobileCollect Mini		Mini Mobile Module	21	MC-M3R-2B17100706471610	
404327	MobileCollect Mini	404327	Mini Mobile Module	21	MC-M3R-4018100815432710	To delete a Module ID, select the
6B1340	MobileCollect Mini	6B1340	Mini Mobile Module	21	MC-M3R-6B18062910134010	item to delete and press the Delete button. If you check
8E4B1F	MobileCollect Mini	Caliper	Mini Mobile Module	21	MC-XMM-8E0000151C4B1F01	"Enable multiple selections", you
A51997	MobileCollect Command	A51997	Command Mobile Module	21	MC-CMM-A5000013B8199701	can use the Shift or Ctrl keys
A75416	MobileCollect Command	A75416	Command Mobile Module	21	MC-C2R-A717100711541610	with the left mouse button to
AA0910	MobileCollect Mini	AA0910	Mini Mobile Module	21	MC-M3R-AA18042006091010	deletion
D43557	MobileCollect Mini	D43557	Mini Mobile Module	21	MC-M3R-D418030606355710	deletion
EA2303	MobileCollect Mini	EA2303	Mini Mobile Module	21	MC-M3R-EA17101206230310	Click on a column header to sort
FC37C2	MobileCollect RS-232	FC37C2	RS-232 Mobile Module	21	MC-RMM-FC0000124037C201	the list.
						Enable multiple selections
						Delete
						2 Select
						Cancel

- 1. Select row with your Command Mobile Module ID
- 2. Click on the Select button.

MobileCollect Wireless



Module ID Input

		-	-	1	1	c.	and to blo	et Come	uter D	- (D) A4	(A) N					S To
Ch Chan Act	han Modu	e Mod	ule Meas	Text	Delimite	r Chan	A to Z	Field	Module	Module Label	Units	Battery Status	Signal Strength	TxD Attempt	EOP Char	Í
ilobal Ye	es All	-	Pass		(Comma)	1			10	Lawer	Onna	oraruo	strengen	Provinjer	(CR)	18
1 Ye	es Mobil	A75	16	A)	(Comma)	1									(CR)	
2 Ye	es Mobil		ass	1	(Comma)	1				1					(CR)	
3 Ye	es Mobil		Pass	1	(Comma)	1				1					{CR}	
4 Ye	es Mobil		Pass	1	(Comma)										{CR}	
5 Ye	es Mobil		Pass	1	(Comma)	1									{CR}	
6 Ye	es Mobil		Pass	1	(Comma)	1									{CR}	
7 Ye	es Mobil		Pass		(Comma)	1									{CR}	
8 Ye	es Mobil		Pass		(Comma)										{CR}	
9 Ye	es Mobil		Pass		(Comma)										{CR}	
10 Ye	es Mobil		Pass	1	{Comma}	1	1								{CR}	1
11 N	No Mobil		Pass		(Comma)	1									{CR}	
12 N	lo Mobil		Pass	1	{Comma}										{CR}	
13 N	No Mobil		Pass	1	(Comma)										{CR}	
14 N	lo Mobil		Pass		{Comma}										{CR}	10
15 N	No Mobil		Pass		{Comma]			S							{CR}	- 1
Use settin	nneis and cells tr mats: ngs in above grie	at cannot be	modified are d	isplayed wi	R a light fea	eset Grid	Si	ample ou 3.5795(d	elect rows itput for cur CR)	rent chann	el (Meas	urement va	slue = 3.579	s):		

- The Module ID displays in the selected row
 - The Base Setup screen is also used to add other fields to the gage output, such as:
 - Module ID
 - Module Label
 - Channel ID



Read Switch Control

2 Setup	Utilities VideoTraining Help						
🖻 🗖	Bas Rem 🗛 🔀 💷 🖁	-	'n III 🖪 🗖	Ļ			
lome	ase Setup Mobile Mo	dule Setup	RS-232 Remo	te Setup F	Parse #1 Parse #2	Parse #3 Digi	ital Remote Setup
MobileColled	t USB Base with RM2.4 Radio:						
Communic	ations = COM3 @ 9600-N-8-1		Base Unit:				
Serial num	tber = MC-UR2-4617110715	033510	Description	= MobileCollect U	S8 Base		
Model num	nber = MC-USBB-R2		Station ID :	= 460335			
Firmware	version = 5.42		Network S/N	= 46171107-1503	3510		
Firmware	date = 4-18-19 11:04:03		PAN ID	= e798			
Operationa	al mode 😑 Base mode		RF Channel	= 21			
Crnd MM c	control = Enabled						
Setup sour	rce = Extended Setup		Base	C Remote		Find Base Unit	Disconnect Base
Base ID Description	460335 MobileCollect USB Base		Baud:	0 1200	Parity: None Odd	Data Bits:	Stop Bits
		1) 2010-11-11-11-11-11-11-11-11-11-11-11-11-	9600	0 14 4K	CERT		
The "Base I	D [*] is a unique identifier set by Micro banded by the uror	Ridge and	○19.2K	○ 38.4K			
Connoc de c	nongeo of the user.		0 57.6K	◯ 115.2K			
The "Description to assist you	ption" can be up to 30 characters ar u in identifying the Base unit. The "I	nd is only used Description* is					
not included	i in any of the wireless measurement	t transmissions.	The default b a Base, you s from the Bas Disabled bau	aud rate for a Bas fould consider usi e to your PC due to d rates (shown in	e unit is 9600. If you have sever ng a baud rate higher than 9600 5 the higher bandwidth. aray) are not supported by the Bi	ral Remotes and/or Mot . With a higher baur ra ase.	ile Modules sending data to ite, more data can be sent
						-	
Base control	parameters:			-			

Home tab

 Select the Read Switch Control button.

MobileCollect Wireless



Read Switch Setup

ront left	Disabled	~
ront center ront right ad switch cor single read si witch connecti dditional read	Dissibled Send Command to Host Read & Digital Remote Continuous read a Digital Remote (Press to Start & Stop) TIR read a Digital Remotes Send Command to 85-232 Remote Send Command to 85-232 Remote Send Command (SCM) appe Read Channel 3 CMM appe Read Channel 3 CMM appe Read Channel 3 CMM appe Set All CMMs to Active Set All CMMs to Active Set All CMMs to Standby Turn of All CMMs	ases. The read switch connection on the USB Base with the RM2.4 Radio is located on the frant of the unit. The read the unit. The read switch connection on the R5:232 Base and R5:232/USB Base is located on the front of the unit. Bases. Contact MicroRidge if you need additional read switch connectors added to an existing unit.
tructions: elect the funct	tion you want the read switch to perform. If you want to u displayed if other parameters are required.	use multiple read switches, you must have had the extra read switch connectors installed by MicroRidge. Additional input

- 1. Click on the "Front Left" selection
- 2. Select "Read Channel 1 CMM gage"

3. Click OK



Update the Base

MobileColle	ct Extended Setup - Untitle	d					- 0 2								
Setup Uti	ilities VideoTraining Help)													
🗃 🖬 🚦	Bas Rem 🗛 🔀 💷 🗌	8	76 El 🖪 🔼												
ome Ba	se Setup Mobile Mo	dule Setup	RS-232 Remote 1	Setup Par	#1 Parse #2	Parse #3 Digita	A Remote Setup								
dobileCollect US	CR Race with PM2.4 Padios			1		1	1								
Communicatio	one = COM3 @ 9600-N-8-1		Rase Unit:												
Sorial number	r = MC-UR2-4617110715	5033510	Description = MobileCollect US8 Race												
Set is initial = mC-0/2-40/110/1303310 Model number = MC-0/588-R2 Firmware version = 5.42 Firmware date = 4-18-19 Diperational mode = Base mode			Station ID = 460335 Network S/N = 46171107-15033510 PAN ID = 6798 RF Channel = 21												
								Crnd MM cont	trol = Enabled						
								Setup source	= Extended Setup		Base	Remote		Find Base Unit	Disconnect Base
														h	
lase ID & Descr	No Description:		Senal communication parameters:												
Base ID	460335		Baud:		Parity:	Data Bits:	Stop Bits:								
escription []	MobileCollect USB Base	1	0 680	0 1200	None Odd	07	• 1								
reactification [5	2400	4800	(C/Even		1								
The "Base ID" is a unique identifier set by MicroRidge and cannot be changed by the user.			9600	0 14.4K											
			()19.2K	0 38.4K											
The "Descriptio	on" can be up to 30 characters a	and is only used	0.57.6%	0113.28											
to assist you in not included in	i identifying the Base unit. The ' any of the wireless measureme	"Description" is ant transmissions.	The default baud a Base, you shou from the Base to Disabled baud rat	rate for a Base u Id consider using a your PC due to th tes (shown in gray	nit is 9600. If you have s a baud rate higher than s e higher bandwidth. r) are not supportrd by ti	everal Remotes and/or Mobile 9600. With a higher baud rate ne Base.	Modules sending data to , more data can be sent								
ðase control par	rameters:														
RF Channel 21 @ 2.455 GHz Command M		obile Module Control Enabled		Read Switch Control											
		Ione module Control Enabled Read SWICE		Read Switch Control											

 Click this icon to send the setup to the Base receiver



MobileCollect Wireless



Activate Command mode



- The CMM must be in active mode before sending the first command
 - Press the Setup button to activate the CMM
 - The green LED will flash continuously indicating it is ready to use

MobileCollect Wireless



Test Setup







- Connect footswitch to input on Base receiver
- Open ComTestSerial test program
- Press footswitch to request reading from gage
- If measurement on gage appears in ComTestSerial, your setup is complete



Tech Support

- Contact MicroRidge if you need assistance setting up your Command Mobile Module transmitter and foot switch
 - Office hours:
 - Monday Friday
 - 8am 4:30pm Pacific Time
 - Tech Support:
 - 541-593-1656
 - support@microridge.com

