



				Material	Quality Control Point Process Inspection Point				
Revision	Revision date	Revision notes	Revised by	<div><p>First Angle</p><p>Unless otherwise specified 0.000 = ±0.005mm 0.00 = ±0.01mm 0.0 = ±0.1mm 0. = ±0.5mm</p></div>	<div><p>Millar Level 1, 70 Symonds St Auckland 1010 New Zealand Ph. +64 9 367 7157 www.millar.com</p></div>	Drawn by	Title		Unit: mm
1.0	29 May 2016	ECN0084.	Erwin Koszutski			Nick Jones / Sharif Malak	MT110 tBase Assembly		SRC
A	02 July 2015	Production Release. End of R&D revisions.	Sharif Malak			Date created			0018
b	01 July 2015	Included further details into the assembly drawing.	Sharif Malak			29 May 2016	ApprovedBy	DWG Name	ECN
a	June 2015	Original assembly drawing.	Nick Jones			Drawing according to:	Daniel McCormick	MT110_1.0A	0084
					ISO 1101 ISO 1302 ISO 16792	Scale 1:4	Sheet Size: A3	Sheet 1 of 2	

	1	2	3	4	5	6	7	8
A	Item No	Description / MT110-tBase Assembly (page 1)			SKU	QTY.		
	1	Blower DC 12V 120X32 2250RPM LED			TRZ01382	1		
	2	73AS5-6B BLACK TRUSS ALUM./STEEL RIVET			TRZ01433	3		
	3	M4 X 9 X 0.9 304 FLAT WASHER			TRZ01434	3		
	4	PCB Support Dome			TRT01034	1		
	5	M4x10 304 Pan Phil M/Screw			TRZ01649	4		
B	6	MT110 tBase PCB Assembly			TRS01626	1		
	7	Antenna (hinged, 156mm long)			TRZ01636	2		
	8	Foam Tape Above Fan (6.4x12mm, black PVC) 200mmL			TRZ01629	1		
	9	LED, Red/Green, Panel Mount			TRD01342	1		
	10	Lockwasher BNC / TNC			TRZ00419	3		
	11	Nut for BNC			TRZ00417	3		
C	12	MT110 tBase Bottom Enclosure			TRZ01512	1		
	13	MT110 tBase Top Enclosure			TRZ01511	1		
	14	Label, MT110 Front Panel, 62 x 40mm			TRZ01622	1		
	15	Label, TR181 / MT110 Front Panel, Serial Number			TRZ01390	1		
	16	Label, TR181 / MT110 Rear Panel, 155.1 x 27.5mm			TRZ01580	1		
	17	Label, TR181 / MT110 Rear Panel, Serial Number			TRZ01442	1		
D	18	Label, MT110, FCC			TRZ01615	1		
	19	Foam Foot, TR181 / MT110			TRZ01445	5		
	20	MT110 tBase Charger Tray Sub Assembly			TRS01532	1		
	21	Silicone RTV1080 Adhesive 2x415mmL, 5mmDiam			TRZ01627	1		
	22	Air Flow Foam Tape (12.7x18mm, black PVC) 2x415mmL, 1x65mmL			TRZ01628	1		
	23	Kapton Tape 1/2" 50mmL			TRZ01172	1		
E	24	Washer M3x9.5 Zinc Plated			TRZ01746	3		
	25	M3x16 Pan Phil MScrew 304			TRZ01747	3		
	26	Spacer M3x4.76mm Nylon Self Retaining			TRZ01749	3		
	27	M3 Nyloc Nut 304			TRZ01748	3		

Material

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First Angle

Unless otherwise specified  
0.000 = ±0.005mm  
0.00 = ±0.01mm  
0.0 = ±0.1mm  
0. = ±0.5mm

Quality Control Point

Process Inspection Point

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Drawn by

Nick Jones / Sharif Malak

Date created

29 May 2016

Drawing according to:

ISO 1101  
ISO 1302  
ISO 16792

Title

MT110 tBase Assembly

ApprovedBy

Daniel McCormick

Scale 1:4

Unit: mm

SRC

0018

ECN

0084

Sheet 2 of 2

[[SKU]\_[SKU Rev][DWG Rev]]

MT110\_1.0A

Sheet Size: A3

FRM0008/B



Product: MT110 FCC Label

Dimensions: 55mm X 23mm

Scale: 100%

COLOURS:

ACCENT GREY

431C

DEEP PURPLE

2623C

RUBINE RED

Rubine

LIGHT ORANGE

151C

BRIGHT ORANGE

143C

GOLDEN YELLOW

116C

WARM SAND

9143C

FCC ID: V58HU11  
This device complies with Part 15 of the FCC Rules.  
Operation is subject to the following two conditions:  
(1) this device may not cause harmful interference, and  
(2) this device must accept any interference received,  
including interference that may cause undesired operation  
Millar Instruments Ltd. Level 1, 70 Symonds st, Auckland,  
New Zealand  
MT110 tBase

DIELINE

SKU No: TRZ01615	File Name: MT110 FCC Label
PPL No: 0025	
ECN No: 0010	Rev: A
Date created 08-May-2015	Updated: DD-Month-YYYY
Created by: Sandy Lau	Material: Scotchcal 7725-10 WHITE, Scotchcal Matt Overlamine 8520

REVISION HISTORY				
Rev	Date	Description	ECN	Revised by