

5/1 WATT IP67 HANDHELD **UHF CB RADIO TX6165**

The TX6165 is our newest 5 Watt Handheld UHF CB radio. Class-leading features such as the large, high-contrast LCD display, 2 Watt speaker and a user programable button make it stand out from the field.

The TX6165 features 5/1 Watt switchable transmission power, VOX hands-free mode, built-in LED torch, and up to 30 hours battery life.

Also featuring rugged IP67 Ingress Protection, the TX6165 is built tough for outstanding performance and years of reliable use in the harshest Australian environments.

These radios are serious equipment for users who demand the ultimate in handheld UHF CB communication, for both work and play.

FEATURES



Specifications

GENERALComplianceSkylZs Ads6 for radio complication on seven conservice.ComplianceSkylZs Ads6 for radio complication on seven conservice.Number of Channel0:0Number of Channel0:0Channel SpacinChannels Per Second coms per channel)Channel SpacinaChannels Per Second coms per channel)Channel Spacina0:0Stanning Space14/0Channel Space14/0Channel Space16/0Channel Space <t< th=""><th></th><th></th></t<>				
Compliancealignment in the UHF citizen band and personal radio service.Frequency RangeX: 476.425 MHz – 477.4125 MHzNumber of Channel80 CBChannel Spacine12.5 kHzScanning Speee30 Channels Per Second com s per channel)Antenne500, SMA FemaleStapply Voltage7.4 V DCBattery Type100 mAhBattery Capaee100 mAhOperating Time100 mAhTRANSMITTER101 monteRF Output101 monteMigh: SW101 monteSpurious Emission2.5 PPMAndoulation12.5 kHzModulation Distorie2.5 kHzModulation Distorie2.5 kHzAdjacent Channel Selectivi2.6 dBAudio Signal to Nais2.6 dBAudio Signal to Nais<	GENERAL			
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Scanning Speed:G0 ms per channel)Antenna502, SMA FemaleSupply Voltage7.4 V DCBattery Type1600 mAhBattery Capata2600 mAhOperating Time18h (5 W)Operating Time18h (5 W)TRANSMITTER18h (5 W)RF Output19h (5 W)Migh: SW1000 mAhCome: 1W1000 mAhSparious Emission52 SPPMMaximun Deviation2.5 kHzModulation Distortion2.5 kHzAdjacent Channel Selectivivi2.60 dBAudio Output Power2.00 dBAudio Signal to Noise3.00 dBAudio Signal to Noise3.00 dBAudio Signal to Noise2.00 dBAudio Signal to Noise3.00 dBMaximun Deviation2.00 dBAudio Signal to Noise3.00 mm (W) x 35 mm (D) x 102 mm (M) x	Channel Spacing	12.5 kHz		
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Initial and the second secon	Antenna	50Ω, SMA Female		
Additional and the second se	Supply Voltage	7.4 V DC		
العام المراكبة العام المراكبة Apperating Time 18h (5 W) Joh (1 W) Joh (1 W) TRANSMITTER High: 5W RF Output 10w: 1W Apperating XB and It 10w: 1W Apperating XB and It 2.5 PPM Modulation FM Apperating XB and It 2.5 PPM Apperating XB and It 2.5 KHZ Modulation Deviation 2.5 KHZ Modulation Distortion 2.5 KHZ Addacat Channel Selectivity 3.60 dB Adjacent Channel Selectivity 3.60 dB Audio Signal to Noise 3.40 (SINAD) MECHANICAL AND ENVIRONT 2.9 mm (W) x 35 mm (D) x 102 mm (H) not including antenna) Audio Signal to Noise 5.9 mm (W) x 35 mm (D) x 102 mm (H) not including antenna) Audio Signal to Noise 2.9 Man (With anterpront) Audio Signal to Noise 3.6 Grams (with battery and antenna) Audio Signal to Noise 3.6 Grams (with battery and antenna) Audio Signal to Noise 10° C to +60° C Audio Signal to Noise 10° C to +60° C Audio Signal to Noise <t< th=""><th>Battery Type</th><th colspan="2">Li-Ion</th></t<>	Battery Type	Li-Ion		
Operating TimeInterface 30h (1 W)TRANSMITTERHigh: SWHigh: SWA group of the set of	Battery Capacity	2600 mAh		
Sub (1 W)TRANSMITTERHigh: SWAuge: SWAuge: SWAuge: SWModulationSPMAudio DistorioAudio Output PowerAudio Signal to NoisSU (8Q)Audio Signal to NoisSu (W (8Q)CHCHANICAL AND ENVIRONSu (W (8Q)Audio Signal to NoisSu (W (8Q)CHCHANICAL AND ENVIRONSu (W (8Q)Audio Signal to NoisSu (W (8Q)CHCHANICAL AND ENVIRONColspan= WightAuge: Su (W) X 35 mm (D) X 102 mm (H) (not including antenna)Auge: Su (W) X 35 mm (D) X 102 mm (H) (not including antenna)Auge: Su (W) X 35 mm (D) X 102 mm (H) (not including antenna)Auge: Su (W) X 35 mm (D) X 102 mm (H) (not including antenna)Auge: Su (W) X 35 mm (D) X 102 mm (H) (not including antenna)Auge: Su (W) X 35 mm (D) X 102 mm (H) (not including antenna)Auge: Su (W) X 35 mm (D) X 102 mm (H) (not including antenna)Auge: Su (W) X 35 mm (D) X 102 mm (H) (not including antenna)Auge: Su (W) X 35 mm (D) X 102 mm (H) (not including antenna)Auge: Su (W) X 35 mm (D) X 102 mm (H)Auge: Su (W) X 35 mm (D) X 102 mm (H) <th colspan<="" th=""><th>• •• • †</th><th>18h (5 W)</th></th>	<th>• •• • †</th> <th>18h (5 W)</th>	• •• • †	18h (5 W)	
High: SW RF Output Jow: 1W Frequency Stability K Modulation Modulation Spurious Emission AdoBandation Deviation Modulation Distorono Modulation Distorono Sparious Emission AddoBandation Distorono Stability Addiacent Channel Selectivity Addia Signal to Nois Stability Addia Signal to Nois Addia Signal to Nois Stability Addia Signal to Nois Stability <	Operating Time	30h (1 W)		
RF Output Image: constraint of the section of the sectio	TRANSMITTER			
Iow: 1WFrequency Stability± 2.5 PPMModulationFMSpurious Emission< -40 dBmMaximum Deviation± 2.5 kHzModulation Distortion< 5% @ 1 kHz / 1.5 kHz DeviationRECEIVERSensitivity121 dBm for 12 dB SINADAdjacent Channel Selectivity> 60 dBAudio Output Power2 W (8Q)Audio Signal to Noise34 dB (SINAD)MECHANICAL AND ENVIROV->>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>		High: 5W		
NodulationFMSpurious Emission<-40 dBmMaximum Deviation± 2.5 kHzModulation Distortion<5% @ 1kHz / 1.5kHz DeviationRECEIVERAdjacent Channel Selectivity>60 dBAudio Output Power2 W (8Ω)Audio Signal to Noise34 dB (SINAD)MECHANICAL AND ENVIRONSymm (W) x 35 mm (D) x 102 mm (H) noi including antenna)Dimensione500 mm (W) x 35 mm (D) x 102 mm (H) noi including antenna)Operating Temperature10° C to +60° CIngress ProtectionIP67 (dust tight and waterproof)	RF Output	Low: 1W		
And Spurious Emission	Frequency Stability	± 2.5 PPM		
And the formAnswim DeviationAnswim DeviationModulation Distortion< 5% @ 1kHz / 1.5kHz DeviationRECEIVER< 121 dBm for 12 dB SINADAdjacent Channel Selectivity> 60 dBAudio Output Power2 W (8Ω)Audio Signal to Noise34 dB (SINAD)MECHANICAL AND ENVIROV> 50 mm (W) x 35 mm (D) x 102 mm (H) not including antenna)Audio Signal to Noise9 mm (W) x 35 mm (D) x 102 mm (H) not including antenna)Audio Signal to Noise10° C to +60° CAudio Signal to Noise10° C to +60° C	Modulation	FM		
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RECEIVERAdjacent Channel Selectivity-121 dBm for 12 dB SINADAdjacent Channel Selectivity> 60 dBAudio Output Power2 W (8Ω)Audio Signal to Noise34 dB (SINAD)MECHANICAL AND ENVIRON> 59 mm (W) x 35 mm (D) x 102 mm (H) (not including antenna)Dimensions59 mm (W) x 35 mm (D) x 102 mm (H) (not including antenna)Operating Temperature-10° C to +60° CIngress ProtectionIP67 (dust tight and waterproof)	Maximum Deviation	± 2.5 kHz		
Sensitivity121 dBm for 12 dB SINADAdjacent Channel Selectivity> 60 dBAudio Output Powe2 W (8Ω)Audio Signal to Noise3d dB (SINAD)KECHANICAL AND ENVIRON>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Modulation Distortion	< 5% @ 1kHz / 1.5kHz Deviation		
Adjacent Channel Selectivity > 60 dB Audio Output Power 2 W (8Ω) Audio Signal to Noise 34 dB (SINAD) MECHANICAL AND ENVIRON > 70 mm (W) x 35 mm (D) x 102 mm (H) not including antenna) Dimensions 59 mm (W) x 35 mm (D) x 102 mm (H) not including antenna) Operating Temperature -10° C to +60° C Ingress Protection IP67 (dust tight and waterproof)	RECEIVER			
Audio Output Power2 W (8Ω)Audio Signal to Noise34 dB (SINAD)MECHANICAL AND ENVIRONTALDimensions59 mm (W) x 35 mm (D) x 102 mm (H) (not including antenna)Operating Temperature286 Grams (with battery and antenna)Operating Temperature10° C to +60° CIngress ProtectionIP67 (dust tight and waterproof)	Sensitivity	-121 dBm for 12 dB SINAD		
Audio Signal to Noise 34 dB (SINAD) MECHANICAL AND ENVIRON >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Adjacent Channel Selectivity	> 60 dB		
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Ingress Protection [•] IP67 (dust tight and waterproof)	Weight	286 Grams (with battery and antenna)		
	Operating Temperature	-10° C to +60° C		
Accessory Connector GME 3.5 mm / 2.5 mm stereo jack	Ingress Protection*	IP67 (dust tight and waterproof)		
	Accessory Connector	GME 3.5 mm / 2.5 mm stereo jack		

MIL-STD 810G Standard	Method	Procedure		
High Temperature	501.5	i, ii		
Low Temperature	502.5	·		
•	502.5 i, ii 503.5 i			
Temperature Shock	506.5 i, iii			
Rain Blowing/Drip		1, 111		
Humidity	507.5			
Salt Fog	509.5			
Dust Blowing	510.5	i		
Immersion	512.5	i		
Vibration	514.6	i		
Shock	516.6	i, iv		
PACKAGING SPECIFICATIONS (TX6165X)				
	110mm (W) x 92mm (D) x 317mm (H) (not including antenna)			
Dimensions				
Dimensions Weight	(not including anter			
	(not including anter 645 Grams (with ba ess otherwise stated	nna) attery and antenna)		
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*Ingress Protection rating of 6 – dustproof, and 7 – waterproof when immersed at 1 metre depth for 30 minutes with radio correctly and fully assembled. For further information visit: www.gme.net.au/Support.

 $^{\rm t}$ Based on 5% transmitting, 5% receiving and 90% waiting mode.

Warranty TX6165X 3 Year Warranty Accessories 1 Year Warranty



Specifications are subject to change without notice, they are issued as a guide only and shall not form part of any contract without the express written authorisation of GME.