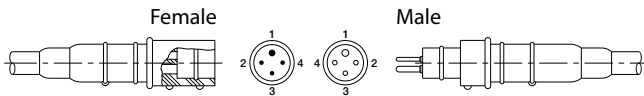
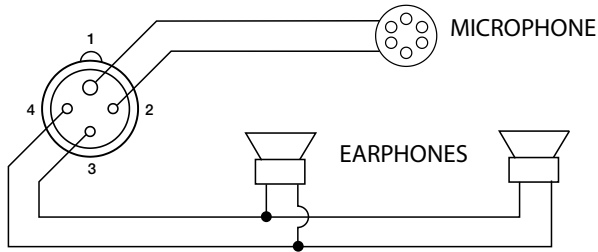


# WIRING INSTRUCTIONS / CONVERSION CHART

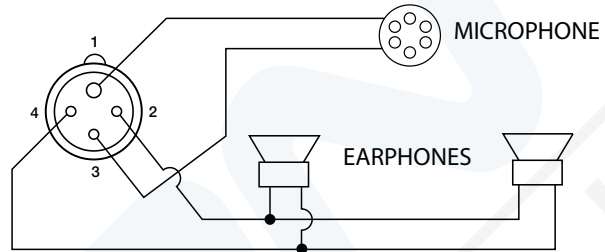
Marsh Marine connectors are used throughout the diving industry as a convenient means to connect the divers hat to the umbilical. Most wiring errors occur because of a misunderstanding of the pin relationship of the male and female connectors.



MARSH MARINE CONNECTORS



VERSION "A" (AMRON TYPICALLY WIRES TO VERSION "A")



VERSION "B"

### English to Metric Standards

To convert	into	multiply by
<b>Lengths</b>		
inches	mm	25.4
inches	cm	2.54
inches	meters	0.0254
feet	meters	0.3048
yards	meters	.9144
yards	km	0.009144
yards	km	1.609
<b>Surfaces</b>		
square inches	cm <sup>2</sup>	6.452
square feet	m <sup>2</sup>	0.0929
square yards	m <sup>2</sup>	0.8361
square miles	km <sup>2</sup>	2.59
acres	hectares	0.4047
<b>Volumes</b>		
cubic inches	cm <sup>3</sup>	16.387
cubic inches	litres	0.016387
cubic feet	m <sup>3</sup>	0.028317
cubic feet	litres	28.317
cubic yards	m <sup>3</sup>	0.7646
liquid ounces	cm <sup>3</sup>	29.57
gallon U.S.A.	m <sup>3</sup>	0.003785
gallon U.S.A.	litres	3.785
<b>Weights</b>		
grains	grams	0.0648
ounces	grams	28.35
ounces	kg	0.02835
pounds	kg	0.4536
pounds	tons	0.000454
tons (U.S.A.)	kg	907.2
tons (U.S.A.)	tons	0.9072
tons (long)	kg	1016.0
tons (long)	tons	1.0160
<b>Pressure</b>		
atmosphere	bar	1.01325
atmosphere	kg/cm <sup>2</sup>	1.0332
atmosphere	mm of mercury (Hg)	760.0
pounds/sq. inch	bar	0.068947
pounds/sq. inch	kg/cm <sup>2</sup>	0.070307
pounds/sq. inch	mm of mercury (Hg)	51.715
in. of mercury (Hg)	bar	0.033639
in. of mercury (Hg)	kg/cm <sup>2</sup>	0.034531
in. of mercury (Hg)	mm of mercury (Hg)	25.4
<b>Velocity</b>		
feet/second	cm/second	30.48
feet/second	meters/second	0.3048
feet/second	meters/minute	18.29
feet/minute	cm/second	0.5080
feet/minute	meters/second	0.005080
feet/minute	meter/minute	0.3048

### Metric to English Standards

To convert	into	multiply by
<b>Lengths</b>		
mm	inches	0.03937
cm	inches	0.3937
meters	inches	39.37
meters	feet	3.281
meters	yards	1.0936
km	yards	1093.6
km	miles	0.6214
<b>Surfaces</b>		
cm <sup>2</sup>	square inches	0.155
m <sup>2</sup>	square feet	10.764
m <sup>2</sup>	square yards	1.196
km <sup>2</sup>	square miles	0.3861
hectares	acres	2.471
<b>Volumes</b>		
cm <sup>3</sup>	cubic inches	0.06102
cm <sup>3</sup>	liquid ounces	0.03381
m <sup>3</sup>	cubic feet	35.314
m <sup>3</sup>	cubic yards	1.308
m <sup>3</sup>	gallons U.S.A.	264.2
litres	cubic inches	61.023
litres	cubic feet	0.03531
litres	gallons U.S.A.	0.2642
<b>Weights</b>		
grams	grains	15.432
grams	ounces	0.03527
kg	ounces	35.27
kg	pounds	2.2046
kg	tons (U.S.A.)	0.001102
kg	tons (long)	0.000984
tons	pounds	2204.6
tons	tons (U.S.A.)	1.1023
tons	tons (long)	0.9842
<b>Pressure</b>		
bar	atmosphere	0.98692
bar	psi	14.504
bar	in. of mercury (Hg)	29.530
kg/cm <sup>2</sup>	atmosphere	0.96784
kg/cm <sup>2</sup>	psi	14.223
kg/cm <sup>2</sup>	in. of mercury (Hg)	28.959
mm of mercury (Hg)	atmosphere	0.0013158
mm of mercury (Hg)	psi	0.019337
mm of mercury (Hg)	in. of mercury (Hg)	0.03937
<b>Velocity</b>		
cm/second	feet/second	0.03281
cm/second	feet/minute	1.9685
meters/second	feet/second	3.281
meters/minute	feet/minute	196.85
meters/minute	feet/second	0.0468
meters/minute	feet/minute	3.281