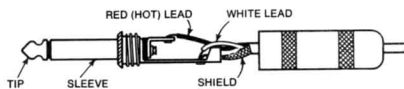
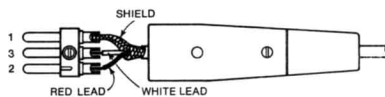


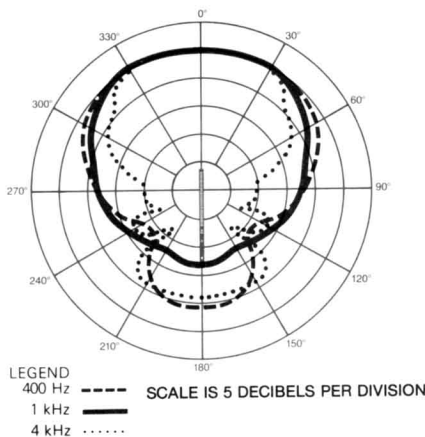
## 1/4" PHONE PLUG WIRING LOW IMPEDANCE UNBALANCED



## XLRM PLUG WIRING LOW IMPEDANCE, BALANCED



## POLAR PATTERN



## ONE YEAR LIMITED WARRANTY

Audio-Technica microphones and accessories purchased in the U.S.A. are warranted for one year from date of purchase by Audio-Technica U.S., Inc. to be free of defects in materials and workmanship. In event of such defect, product will be repaired promptly without charge or, at our option, replaced with a new product of equal or superior value if delivered to Audio-Technica U.S., or an Authorized Service Center prepaid, together with the sales slip or other proof of purchase date. PRIOR APPROVAL FROM A.T.U.S. IS REQUIRED FOR RETURN. This warranty excludes defects due to normal wear, abuse, shipping damage, or failure to use product in accordance with the instructions. This warranty is void in the event of unauthorized repair or modification.

FOR RETURN APPROVAL AND SHIPPING INFORMATION, contact the Service Dept., Audio-Technica U.S., Inc., 1221 Commerce Drive, Stow, Ohio 44224.

Except to the extent precluded by applicable state law; A.T.U.S. WILL HAVE NO LIABILITY FOR ANY CONSEQUENTIAL, INCIDENTAL, OR SPECIAL DAMAGES; AND ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE EXPIRES WHEN THIS EXPRESS WARRANTY EXPIRES.

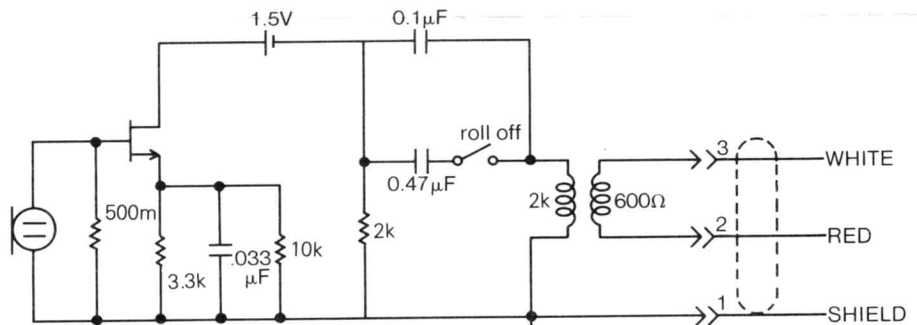
This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

## AT815a SPECIFICATIONS

<b>Element</b> .....	Permanently polarized condenser				
<b>Polar Pattern</b> .....	Unidirectional (Line plus Gradient)				
<b>Frequency Response</b> .....	40-20,000 Hz (100 - 20,000 Hz, sw. in rolloff position.)				
<b>Sensitivity</b> .....	- 44.5 dBm (0 dB = 1mW/Pa*)				
<b>Open Circuit Sensitivity</b> .....	0.9 mV (- 61 dB re 1V/0.1 Pa*)				
<b>Impedance</b> .....	600 ohms balanced				
<b>Maximum Input Sound Level</b> .....	120 dB SPL at 3% T.H.D.				
<b>Signal to Noise Ratio</b> .....	Greater than 50 dB @ 1 kHz, 0.1 Pa*				
<b>Battery Type</b> .....	UM3 (AA) 1.5V. Use only "leakproof" batteries. Can also use the following types:				
	Type	Eveready	Mallory	Panasonic	Ray-O-Vac
	Carbon Zinc	915	M14F	UM3	7AA
	Alkaline	E91	MN1500	AM3	815
	Mercury	E9	ZM9		T9
<b>Battery Current</b> .....	Less than 200 microamps				
<b>Battery Life</b> .....	More than 3000 hours (average battery, intermittent use)				
<b>Weight (less cable or accessories)</b> .....	9.2 oz. (260 grams)				
<b>Dimensions</b> .....	18-9/32" (465mm) long, 13/16" (21mm) diameter				
<b>Cable</b> .....	Model AT8302, 16½ feet (5.03m) 2-conductor, shielded, vinyl-jacketed, broadcast-type with XLRF connector at microphone end, ¼" phone plug at output end. (Model AT815a/XLR with XLRM output connector available at extra cost.)				
<b>Accessories Furnished</b> .....	Model AT8405 Snap-in Stand Clamp for standard 5/8"-27 threaded stands. Windscreen. Protective carrying case.				
<b>Optional Accessories</b> .....	Model AT8202 In-Line Attenuator for use with low-impedance microphones.				
	Model AT8314 2-conductor, triple shielded, vinyl-jacketed, broadcast-type cable with XLRF connector at microphone end, XLRM connector at equipment end. Available in 10", 20", 25", 30" 50" & 100" lengths.				
	Model AT8407 Universal "clothes-pin" stand clamp fits both tapered and cylindrical microphones.				
	Model AT8415 Shock Mount for boom or stand operation.				

\*1 Pascal = 10 dynes/cm<sup>2</sup> = 10 microbars

## WIRING DIAGRAM



Positive (inward) acoustic pressure at diaphragm produces positive voltage at Pin #2.

## DIMENSIONS

