



# TELEFUNKEN

## Elektroakustik

### Congratulations!!!

You have just purchased one of the finest recording instruments ever created, the TELEFUNKEN Elektroakustik R-F-T AR-51. Due to the sensitivity of the R-F-T AR-51, there are specific handling and care instructions. Failure to adhere to the following may void your warranty.

#### Handling and Care Instructions:

- Please be sure to secure the microphone to a microphone stand or over-head boom stand before use.
- Please make all connections before turning power on.
- Let microphone warm up for at least 20 minutes before each use.
- Do not inter-connect with historic/vintage microphones for any reason.
- We suggest the use of a pop screen for recording vocals.
- Be sure to turn off the microphone and wait 5 minutes before disconnecting.

Be conscious of your gain levels, this is a very sensitive recording instrument.  
Damage may be done to the microphone.



R-F-T AR-51	Specifications
Type	Condenser Pressure Gradient
Capsule	TK51D 1-inch dual sided gold sputtered membrane
Polar Patterns	Omni, Cardioid, Figure-8, with 6 intermediate stages
Frequency Response	20Hz - 20kHz
Tube Type	NOS R-F-T Funkwerk ECC81 twin triode
Sensitivity	13 mV/pa +/- 0.5 dBV
Impedance	Less than 250 Ohms
S/N Ratio	86dB
Max SPL	128dB
Equivalent Noise	8dBa
Power Requirements	Dedicated Power Supply
Controls	Pattern Selector Knob (on power Supply)
Dimensions	9 1/2" (241mm) length x 1 3/4" (44.45mm) diameter
Weight	27oz (765g)

Enclosed, you will find your Warranty Statement. Please contact us with any questions or concerns at [contact@t-funk.com](mailto:contact@t-funk.com) or (860) 882-5919.

**Thank you and once again Congratulations!!!**  
**All of us at TELEFUNKEN Elektroakustik**

# TELEFUNKEN Elektroakustik Vacuum Tube 90-day Limited Warranty Statement



TELEFUNKEN Elektroakustik warrants that any capsules and tubes used in their microphones are free from defects in material and workmanship for the period of ninety (90) days from the original date of purchase, and agree to replace any capsule or tube\*\* which, under normal installation and use, disclose such defect. This is provided that the complete microphone is delivered to TELEFUNKEN Elektroakustik intact for examination and provided that such examination discloses, in the judgement of TELEFUNKEN Elektroakustik, that the tube or capsule is indeed defective. Upon replacement, TELEFUNKEN Elektroakustik will provide an additional 90-day limited warranty on the new capsule or tube.

This warranty does not extend to any capsule or tube which appears to have been misused, altered, neglected, damaged, or stored in any manner that adversely affects it, or used in violation of instructions furnished by us. This limited warranty shall be void and of no further force or effect whatsoever if the microphone is repaired or modified by any person other than an authorized representative of TELEFUNKEN Elektroakustik. This warranty shall not apply to any defect, failure, or damage caused in whole or in part from attempts by personnel other than TELEFUNKEN Elektroakustik's to open, repair, or service the microphone; nor to damage to a unit which has been modified by persons other than TELEFUNKEN Elektroakustik personnel.\*\*\*

The length of this warranty shall not be extended for any reason without the expressed written consent of TELEFUNKEN Elektroakustik.

The Warrantee shall be responsible for shipping charges of this microphone back to TELEFUNKEN Elektroakustik, with return ground shipment provided by the Warrantor (TELEFUNKEN Elektroakustik).

This 90-day limited warranty is given by TELEFUNKEN Elektroakustik in lieu of any other warranty expressed or implied.

\*\* Original VF-14 tubes are not replaced. Instead, they are exchanged for VF-14k tubes. Vintage CK-12 capsules are also not replaced. Instead, they will be repaired.

\*\*\* If any security seals are broken or altered in any way, this warranty is null and void.



## TELEFUNKEN Elektroakustik

300 Pleasant Valley Road Suite E  
South Windsor, CT 06074  
TELE: +1 860.882.5919  
FAX: +1 860.882.5980  
[www.telefunken-elektroakustik.com](http://www.telefunken-elektroakustik.com)

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