



Microphone Tech Note

Crown Technical Support

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Issue Date: 1-Mar-06
Ref. No: Mic Tech Note #004
Subject: Safe Operating Temperatures

Applicability: We are being asked more often about the safe operating temperature ranges for Crown microphones. Since the applications can vary considerably, and the manufacturing component BOM of each product is different, we have chosen to use the specified temperature ranges listed for the actual microphone elements.

Products such as: PZM-10, PZM-10LL, PZM-11, PZM-11LL, PZM-11LLWR, Sound Grabber, and Sound Grabber 2

-10 to +60 degrees C, or +14 to +140 degrees F

Products such as: PZM-6D, PZM-30D, SASS-P, SASS-PMKII, GLM-100's, GLM-200, CM-312's

-18 to +57 degrees C, or 0 to +135 degrees F

Products such as: LM-201

-20 to +50 degrees C, or -4 to +122 degrees F

Products such as: CM-30's, CM-31's, LM-200's, LM-300's, LM-301's, all PCC's, and all MB's

-10 to +50 degrees C, or 14 to +122 degrees F

Products such as: CM-200's, CM-310's, CM-311's, CM-700's

-20 to +50 degrees C, or -4 to +122 degrees F

Products such as: GLM-300AB

-17 to +63 degrees C, or +1 to +145 degrees F