

**Service Directive
#320-01**

Product: RX320D
Subject: DRM reception
Date: June 3, 2003

Issue 1: Some users have experienced overload of their sound cards when using the RX320D for DRM reception under strong-signal conditions. Evidently, some sound cards cannot handle more than 1.8 V peak-to-peak without introducing distortion that destroys the integrity of received signals.

Solution: Divide the IF output using two 1.2-k resistors. A cable (Ten-Tec PN 86086-A) having the resistors installed is available for field retrofit.

Issue 2: Very strong DRM signals may produce degraded recovered signal-to-noise ratios. We have traced this issue to the analog AGC system.

Solution: Change C81 from a 4.7 uF to a 33 uF capacitor. The 33 uF capacitor (Ten-Tec PN 23308) and a component-location diagram are available for field retrofit.