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Interoffice Memo

To: BDC/REPS

Date: 29 October 1998

cc: Jim Long, Frank Walker, Monte Wise, Dave Hosbach, Frank Spain, Tony Sawyer

From: Mike O'Neill

Subject: Altec 515/3156/3154 Loudspeaker

Dist BBC: Dan Dantzler, Paul McGuire, Joe Winebarger, Dave Merrey, Martin Traut, Bob Doyle, Steven Chan, Roger Gaines, Kazuyasu Takane, Colin Formston, Garry Templin, Tony Sawyer, Mathias von Heydekampf, Tom Anderson, Hayleyanne Fitzgerald, Paul Baretta

Dist REPS: Jim Loppnow, Sam Keiser, Mike Klickstein, Steve Linn, Skip Godwin, Jim Starin, Ed Kickham, Neal Weber, Joe Stopka, Scott Lysne, Tom Petchell & Roger Burns, Debra Hahn, Tom Ostermann, Rick Hanson, Chris Jones, Gary Jones, Bob Martin, George Falkenbach, Paul Friedman, Ronnie Wilson, Mike Marr, Chuck DiModica, Greg Ouzunoff, Perry Lengyel, Wally Wilson, Jerry Whaley, Gerald Chaney

Recently we have had many questions with regards to replacements for the above referenced Altec Lansing branded loudspeakers. We have recommended either a DL15X or an EVX155 (EVX155 is available through service and is not an over the counter item at the moment, but is easily obtained). Engineering's personal recommendation is that the EVX155 be the product of choice when looking for an alternative to the Altec 515-8G. The reason for this is that the EVX155 offers four times the power handling, twice the linear excursion capability and uses ring mode decoupling™. The hole cutout diameters for all of the Altec speakers and both the Electro-Voice models referenced can be identical. One thing, however, to note is that because the 515/3156/3154 series frames have a larger outside diameter (the frame diameter is 16 although the cone reference is identical to that of EV products, so neither one is a 16" woofer regardless of the marketing used by the old Altec Lansing group). In any event, it should be noted because of this larger frame there is a slot used in the Altec products and a round hole used for mounting the Electro-Voice products. Although the round hole in the Electro-Voice products fits within the slot tolerances of the Altec speakers, the center spacing is not the same. So if you have an existing Altec enclosure with T-nuts or mounting screws, the Electro-Voice product will not line up with it. If you are going to make the conversion to the substantially higher performance EVX155, then the bolt circle required for proper mounting is 14.56" (36.98 cm). Any customers that you have doing designs or building products where they will convert to the higher performance EVX155, they should make a note on this bolt circle. With this change they will find substantially superior performance in all respects over the Altec branded product (bolt circle diameter are the same for EVX and DL woofers).

If you have any questions, please give me a call.