

## Auctioneers Partner with TOA's Variable Angle Speakers

For three generations, Kramer Auction Sales Ltd. has enjoyed success as one of North Battleford, Saskatchewan's top auction firms. Kramer Auction Sales Ltd. is known for their professionalism within the community. They conduct over 100 auctions annually, including equipment, real estate, livestock, household, antique and business auctions. They are very community focused company, contributing to many non-profit organizations and charity groups through sponsorships and donating their auction services for fundraising events.



Kramer Auction Sales Ltd. is focused on providing their customers the best service possible. Their "Big Bid Barn," a 22,500 sq. ft auction facility, is home to a variety of auctions. Kramer also conducts a large number of off-site auctions away from the facility. To guarantee their customers comfort, Kramer Auction Sales Ltd. has a complete line-up of custom built auction equipment, including, sound trucks, office trailers, restroom trailers, just to name a few. In order to provide the highest level of service possible, Kramer Auctions Sales Ltd. required their custom built sound trucks be equipped with a sound system that was rugged (weather-resistant and able to sustain cold temperatures), reliable, able to run off of integral batteries and be free of feedback when a microphone was in the direct field of the speakers, while producing great sound.

TOA's HX-5B-WP Variable Angle Speakers were chosen by Pippin Technical to meet the requirements of the auction house. TOA's HX-5 Series speakers were chosen because they had a predictable 'level before feedback', are very robust weather-resistant speakers that can operate outside in low and high temperatures. Pippin Technical (the Canadian broadcaster's choice for system design and integration) has made the operation of the sound trucks seamless. The system functions off of integral batteries because the diesel truck is not running during the auction. The batteries are charged from the vehicle's charging system or a supplied on board charger. Additionally, a UHF wireless microphone system sends the audio to a near-by PC that is broadcast to the auctioneer on-line. On-line bids are then relayed back to the auction unit by the web-operator, via a cell or satellite phone.

Kramer Auction Sales Ltd. has found success using their custom built sound trucks. "The HX-5 Series Speaker is quite a unique loud speaker, which just happens to work quite well for this very unique project." commented Sean Craig of Pippin Technical.