

Technical Bulletin

This document provides best-practice recommendations for using your X-System. If you have any questions after reviewing this document, please call Customer Support at 1.800.749.2761 or consult the additional product documentation available at <http://www.coachcomm.com/x-system-support>.

CoachComm Radio Transceiver Antenna Angle

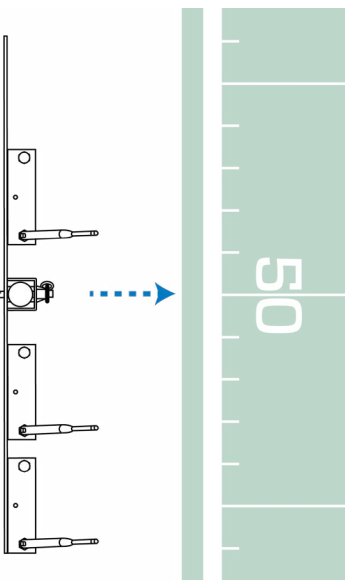
In an effort to maximize RF performance of the CoachComm X-System, we have made a change to our recommendation on antenna orientation. Albeit a relatively small change, we feel that this change will help in those environments that may prove to be a little more challenging. In short, this change is simply going from a 90-degree angle to a 45-degree angle for all Radio Transceivers (RTs) on the field. Where applicable, this also includes any high density RTs used for coach-to-player communications. Note that this change has no effect on 2.4 GHz antennas used with the wireless press box for coaches upstairs, this is ONLY for field RTs.

CoachComm also recommends that all RTs be mounted on the same side of the mast. This orientation maximizes spacing between the antennas and minimizes interaction between the antennas.

See figures for examples of recommended RT setup.



*Recommended Setup
RTs on Mast*



*Recommended Setup
RTs Pointed towards Opposing Team*



*Recommended Setup
RTs on Mast w/ High Density RT*

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