The Holophone H2-PRO was used by FOX Sports and ATK/ Westwood One to capture the crowd sound and game ambience at Superbowl XXXIX in Jacksonville, FLA. The first H2-PRO was set up at the 50 Yard line to capture crowd sounds. A second wireless H2-PRO was used to capture both the Half-time performance by Sir Paul McCartney as well as the U.S National Anthem and Jet fly-overs before the game. The Holophone derived tracks gave the three dimensional presence, or the feeling of "being there" to the viewer. A very powerful and realistic Surround Sound Broadcast with beautiful Hi-Definition images to match!

Two Holophone H2-PRO's were used by FOX Sports and ATK/Westwood One to capture the three-dimensional audio perspective of the musical entertainment, crowd noise and game ambience at Superbowl XXXIX in Jacksonville, FL for the Dolby Digital 5.1 Surround Sound audio that accompanied the HDTV broadcast.

The first H2-PRO was set up at the 50 Yard line to capture crowd sounds. It was set up on a pole, rising about 30 feet off the field and about 20 feet above the retaining wall behind the sidelines. A second wireless H2-PRO was used to capture both the half-time performance by Sir Paul McCartney as well as for the U.S National Anthem and Jet fly-overs before the game. Fred Aldous, the main surround mixer in the Fox HD Broadcast truck accurately re-created the event by using ample Holophone-derived, three dimensional surround sound tracks as a foundation upon which to construct his main game ambience mix. By keeping the mix uncluttered in this way, he allowed the Holophone the space in the main surround mix to do it's job correctly and gave enough room in the mix for the liberal use of additional ambience mics recording the action. The resulting surround sound was very realistic as a three-dimensional soundscape to listeners with 5.1 home theater systems. This was notable throughout the broadcast, especially when returning to the game from the
commercials: The ambience of the game in a livingroom with 5.1 play back was like a wall of reality when the game returned to the screen and the sound added a "feeling of being there" as part of the audience in the stadium. It was the first Superbowl broadcast where the game sounded better than the advertisements!

Andrew Waterman, Senior Engineer at ATK AudioTek of Burbank, California, recorded the National Anthem sung by the Combined U.S Military Choir by placing the Holophone in the center of a circle surrounded by the singers who projected their voices towards the H2-PRO surround sound microphone. This led to a very unique audience perspective. Upon broadcast, the listener was fully immersed inside the choir. It is our understanding that only the Holophone was used to capture this National Anthem performance. Feedback from the viewing audience on this segment reflected the power and emotion of this performance, as if they were present on-site. Additionally, ATK sent out the H2-PRO in a wireless rig designed by James Stoffo at PWS in Orlando, FL. This Holophone was visible on the field on a short pole with an operator, along with the two US Presidents and the choir for the national anthem!

In addition, this portable rig was sent out during the Half time performance by Paul McCartney. This wireless Holophone was on the field inside the crowd hugging the center stage for the entire performance. Individual applause and voices could be clearly heard as could the localization in a three-dimensional space when listening to the broadcasts coming from all around and behind the listening perspective. It was among the most realistic sonic experiences for a live TV broadcast ever. When the Crowd went into the chorus of "Na, Na, Na,’s during McCartney’s performance of "Hey Jude," the feeling of being at the venue with thousands of people AROUND and with you was complete. It was a truly sensational moment for a live Surround Sound broadcast.

The Holophone derived tracks gave the three dimensional presence, or the feeling of "being there" to the viewer. A very powerful and realistic Surround Sound Broadcast with beautiful Hi-Definition images to match. As surround sound audio grows along with HDTV broadcast, this new tool - the Holophone H2-PRO Surround Sound Microphone - enables producers, engineers, and mixers to create a very realistic audio experience for viewers at home with 5.1 home theater systems. The full potential of HDTV in 5.1 Surround Sound can now be realized.