

Akron Children's Hospital



THIS FACILITY, BUILT TO ACCOMMODATE BOTH MUSIC AND ART THERAPY, COULD NOT FULLY PERFORM ITS INTENDED PURPOSE. UPON INITIAL TESTING, IT WAS FOUND THAT THERE WAS A HIGH REVERB TIME THAT DISTORTED SPEECH AT MID FREQUENCIES.. THIS ROOM ALSO HAD AN UNEVEN DISTRIBUTION OF SOUND ABSORBING MATERIALS AND LACKED PROPER SOUND DIFFUSTION WHICH MADE CONVERSATION UNCLEAR AT DIFFERENT LOCATIONS IN THE ROOM. BECAUSE THERE WERE TO BE MANY ACTIVITIES GOING ON AT ONE TIME, IT WAS NECESSARY TO INSTALL BAFFLES AND WALL SOUND ABSORBERS AT APPROPRIATE LOCATIONS TO BETTER CONTAIN THE SOUND FOR THAT PARTICULAR ACTIVITY. AS A RESULT OF THE INSTALLATION, CONVERSATION AND MUSIC COULD BE HEARD CLEARLY WITH A FLAT REVERB TIME WITH A GENTLE RISE BELOW 500 HZ TO ADD FULLNESS AND WARMTH TO SOUNDS.

FULL DETAILS, SPECIFICATIONS AND TEST DATA
ARE AVAILABLE UPON REQUEST
CALL D.H. KAISER CO. 330-456-7000 / 1-800-550-7007

Acoustic Design By:

The D.H. Kaiser Co.
P.O. Box 21035
Canton, Ohio 44701

Volume: 665,164 cubic feet
Reverberation Time: 1.84 Seconds (500 Hz)
Acoustic Function Criteria:
Music/Art Therapy

