

Sun-Light Solutions dealer creates an amBX enabled complementary therapy suite

CASE STUDY



amBX lighting control makes a difference in Cancer care.

Sun-Light Solutions Pro AV dealer Display IT in Halifax, UK, have created a high quality complementary therapy suite with amBX lighting control at the heart of the system. This offers calming music to light effects and ambient mood lighting control.

The Challenge

Cancer patients and nurses at Wrightington, Wigan and Leigh NHS Foundation Trust (WWL) have a new state of the art £5m Cancer Care Centre and Pathology Essential Services Laboratory at the Royal Albert Edward Infirmary in Wigan, constructed by Barnes Construction.

“The new Cancer Care Centre and our partnership with The Christie in Manchester has made a great contribution to maintaining Wigan borough’s reputation for world class NHS cancer treatment,” says WWL Director of Strategy, Richard Mundon.

Display IT client WWL created a joint partnership between The Christie NHS Foundation Trust and Macmillan Cancer Support, to develop the new Cancer Care Centre featuring: purpose built clinical accommodation; 12 chemotherapy treatment patient areas; counselling facilities; a Macmillan information and support service plus a fabulous complementary therapy suite.

Originally, the space occupied by the therapy suite was found to be too clinical for the role the space had to provide, so the challenge was to soften the space to create a more relaxing and inclusive environment.

The Solution

Display IT turned to Sun-Light Solutions for the lighting and control and how this could dovetail with the audio & visual facilities required within the treatment room. A decision was made to install a purpose built lighting pelmet to all sides of the room, disguising eight DMX sections of Intelligent RGB LED flex. Each flex is cabled back to an eight way DMX driver and power supply. The immersive and multi-space amBX Light-Scene Engine delivers the lighting effects driven from streamed audio. A range of ambient light scenes, including the twelve Cancer awareness colours (eg pink for breast cancer) can also be selected from an iPad with the amBX Colourscaper control App.

Display IT installed an audio amplification system with an Extron high fidelity XPA series amplifiers and Extron full range ceiling speakers plus AV switching along with the amBX lighting control.



System details:

- amBX Light-Scene Engine
- Lighting control system
- amBX Colourscaper app
- Apple iPad & iTunes
- Extron high fidelity XPA amplifiers
- Extron full range ceiling speakers

Wrightington, Wigan and Leigh 
NHS Foundation Trust

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CANCER SUPPORT**


display it
audio visual



Sun-Light Solutions transforms Cancer care therapy room.

The Results

The results are amazing. The whole therapy suite can be immersed with colour, from simple colour settings to mood enhancing light scenes, which are perfect for relaxing to, through to the lights reacting to chill out background audio. Some short term developments will be to add high definition ambient video displayed via large format LED screens within the room, where the video will be linked to the amBX for unique and immersive video to light effects.

The amBX lighting control and streamed audio is perfect for the complementary and colour therapists to administer the treatments which are provided for the patients, carers, families and hospital staff, making the space feel more like a Spa treatment than a hospital visit.

Complementary Therapist Angela Hamer says "With amBX control technology and state-of-the art LED lighting installed from Sun-Light Solutions, the space can be instantly controlled and brought to life with lighting effects creating a totally relaxing environment. The technology is a tool which reinforces the treatments we administer. Terminally ill clients using the space say they feel valued, humbled, relaxed and peaceful".

As part of the national 'Chemotherapy Closer to Home' initiative, the new Cancer Care Centre developed a joint service with The Christie to undertake certain chemotherapy treatments currently provided at The Christie hospital in Manchester.

A world-class Cancer Care Centre like this provides the people of Wigan with fast access to effective, safe and convenient cancer care, including one stop chemotherapy treatment," added Richard Mundon.

Oncology Ward Manager Leo Anson says "Our new Cancer Care Centre is all about a new standard for cancer care. It is already improving the experience for cancer patients and helping to save more lives."



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