i-Klarity Video Solutions

Design Guide – Classroom

Classroom

A corporate classroom will be used for training, seminars, briefings and presentations. The system needs to be capable of displaying both digital and analog source types in a high quality, professional manner. The lectern/front desk will have one HDMI and one analog VGA input available to the presenter as well as a resident network PC. Inputs will be capable of supporting signals up to 4K. There will also be a preview monitor where the lecturer can preview the display before sending the content through to the main projector. In a central equipment area, there will be a TV receiver and a Blu-ray player.

Delegates can present wirelessly by accessing the Crestron AirMedia wireless gateway whilst audio is picked up from 2 ceiling microphones and sent to 4 ceiling speakers.
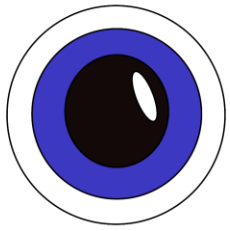
The room can be controlled from a single 7" Touch Panel or perhaps a larger IoS or Android tablet.

Features

➢ Great quality
➢ High capability
➢ Simple user experience
➢ Maximise available space
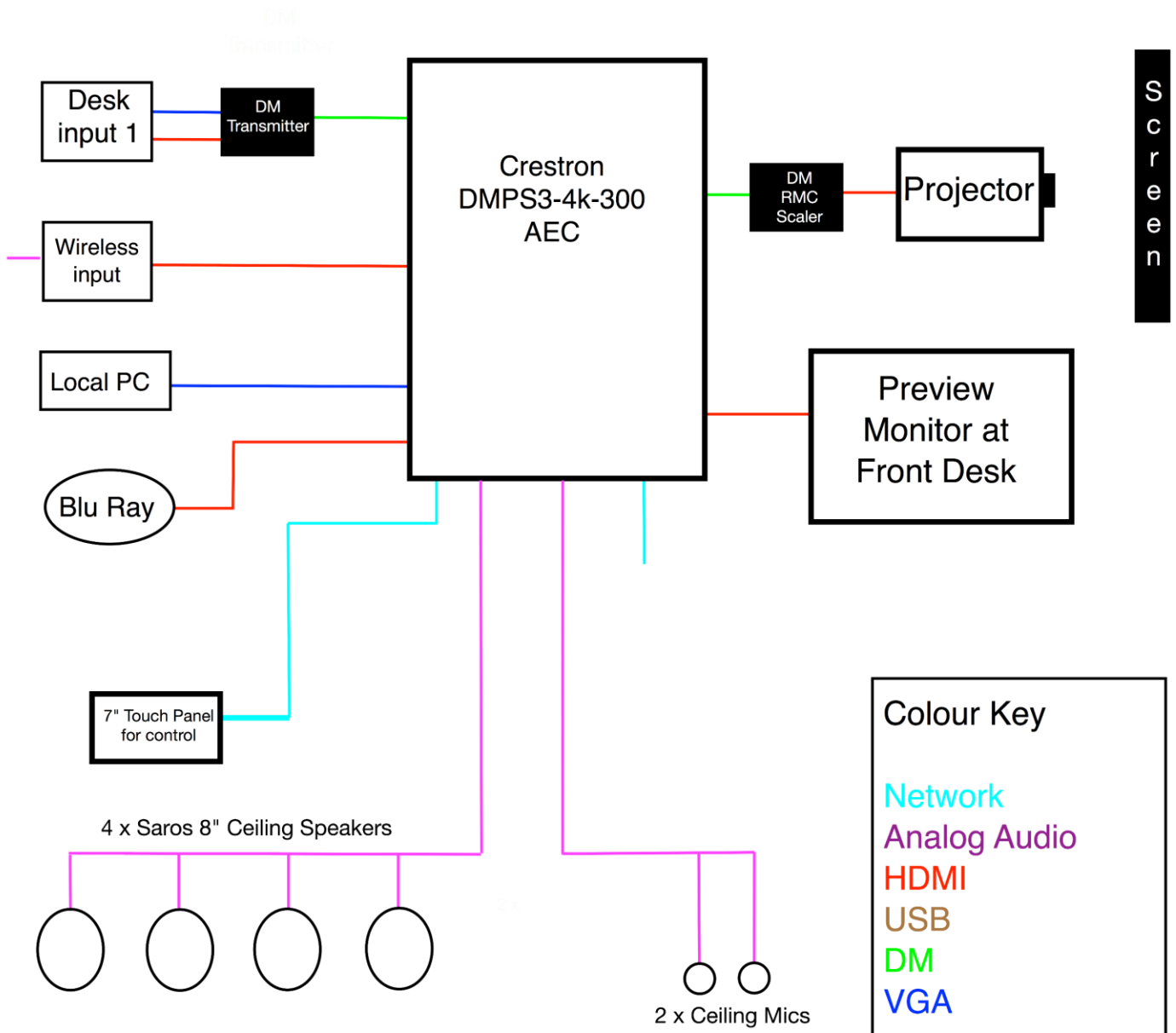➢ Full 4k solution
➢ HDCP 2.1 compliant

Crestron AirMedia offers access for 32 simultaneous devices which can be a mixture of Windows, OS X, Apple IoS or Android.

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Typical Schematic

Desk input 1

DM Transmitter

Wireless input

Local PC

Blu Ray

Crestron DMPS3-4k-300 AEC

DM RMC Scaler

Projector

Screen

Preview Monitor at Front Desk

7" Touch Panel for control

4 x Saros 8" Ceiling Speakers

2 x Ceiling Mics

Colour Key

Network
Analog Audio
HDMI
USB
DM
VGA

Key Products for consideration

Crestron DMPS3-4k-300 AEC Presentation System

Crestron 7" Touch Panel

Crestron AM-101 AirMedia Wireless Gateway

Crestron Saros two-way ceiling speakers

ClearOne ceiling mics

Canon STW 4000 lumens Short Throw Projector

Euroscreen Tab-tensioned electronic display screen

For more information please visit www.i-klarity.co.uk
or contact enquiries@i-klarity.co.uk.