


The diagram illustrates a complex AV system architecture. At the top left, a source box labeled "CAJA A MESA 1" provides VGA and two HDMI inputs. These connect through a "CONVERTIDOR VGA - HDMI" and an "EXTRON SW4 HDMI LC" switcher. Power is supplied by "CORRIENTE 5V". The switcher's outputs go to a "KRAMER TP-573 TRANSMISSOR", which sends UTP (CAT6A) signals to a "KRAMER TP-574 RECEPTOR". This receiver feeds into the "EXTRON MATRIX DXP 84 HD 4K PLUS" switcher. A "CLICKSHARE BARCO CSE-200" wireless device also connects to the matrix. The matrix has multiple HDMI outputs; some go directly to a "PROYECTOR EPSON G7400U", while others pass through a "TP-580T KRAMER" converter and a "CODEC HDMI INPUT" before reaching the projector. A "DUAL VIDEO" section indicates two parallel video paths. The projector is connected to a "MIMETIZADORA" (emulator) via "RLY 1" and "RLY 2". A "LAN" cloud is connected to the projector and a "PWR" (power) symbol. Below the main switcher, a "RED" (network) cloud is connected to its Ethernet port. To the right, an "AUDIO PC's TESIRA" is connected to the matrix's audio output. At the bottom, a "BIAMP TESIRA FORTE DAN T1 AUDIO PROCESSOR" receives XLR and UTP signals from the matrix and other sources like "PC's" and another "RED" cloud. Its outputs include "LINE OUT 1-4", "AU - USB", and "PSTN LINE" (connected to a "TELEPHONE JACK"). The processor's outputs feed into a "KRAMER 907 AMPLIFIER", which drives four speakers labeled "FRONT" and "BACK" (with "BOSE 251 SE" noted). A "CRESTRON CONTROL SYSTEM CP3" manages the setup, receiving input from a "MIMETIZADORA RELAY 1 Y 2" and sending control signals (COM 1, COM 2) to the projector and codec. It is connected to a "LAN" cloud, which in turn is linked to an "AC ACCESS POINT" and an "iPad". The LAN cloud also distributes UTP signals to "TESIRA RED AUDIO + TEL", the "MATRIX DXP 84 HD 4K PLUS", and "MICROFONOS 1 Y 2 MXA310". Finally, two more microphones ("MIC 1 MXA310", "MIC 2 MXA310") are connected to a "DANTE" cloud via "UTP (CONTROL + DANTE)" lines.

SWITCH 8	MICROFONOS SHURE S-10
SWITCH 16	TODOS LO DEMAS

DISEÑO: DYANKO CISNEROS	REVISION 1: 11/03/2019	DIAGRAMA AUDIO Y VIDEO SALA CATRINA DAIMLER AGUASCALIENTES	
DIBUJO: ALFREDO GONZALEZ	REVISION 2: 17/08/2020		
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