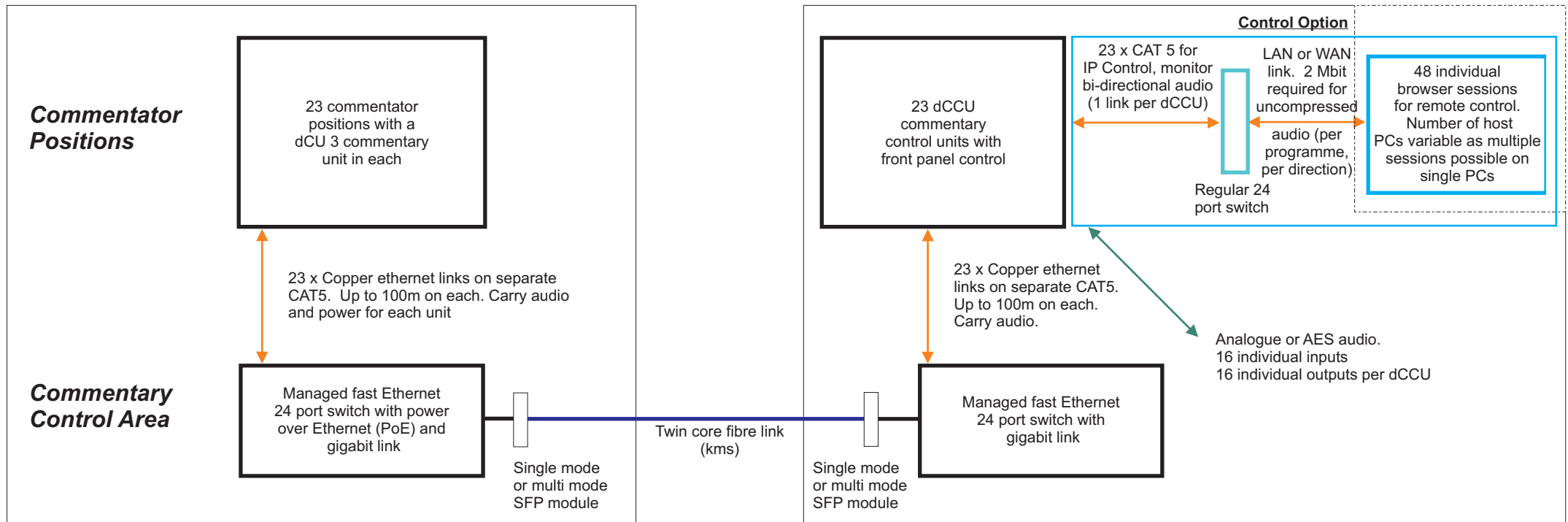# GDC-6432 Digital Commentary System
Multiple System Guide - PoE and Network Connections

Event Stadium

OB Vehicle or
International Broadcast Centre

Commentator Positions

23 commentator positions with a dCU 3 commentary unit in each

23 dCCU commentary control units with front panel control

Control Option

23 x CAT 5 for IP Control, monitor bi-directional audio (1 link per dCCU)

LAN or WAN link. 2 Mbit required for uncompressed audio (per programme, per direction)

48 individual browser sessions for remote control. Number of host PCs variable as multiple sessions possible on single PCs

Regular 24 port switch

23 x Copper ethernet links on separate CAT5. Up to 100m on each. Carry audio and power for each unit

23 x Copper ethernet links on separate CAT5. Up to 100m on each. Carry audio.

Analogue or AES audio. 16 individual inputs 16 individual outputs per dCCU

Commentary Control Area

Managed fast Ethernet 24 port switch with power over Ethernet (PoE) and gigabit link

Single mode or multi mode SFP module

Twin core fibre link (kms)

Single mode or multi mode SFP module

Managed fast Ethernet 24 port switch with gigabit link

Please note:
This system can be scaled up or down, using different size switches, with up to 48 GDC 6432 systems per switch. Please note for PoE connections, total power must allow for 15.4w per port. ie the system above must feature a switch with 354.20w available for PoE.

Glensound Electronics Ltd

Project: Example
Date: –
Number: