

Trøndelag Teater – Revolving Stage

Illustrative examples of AV and Show Lighting connection boxes and fibre topology for the new revolving stage

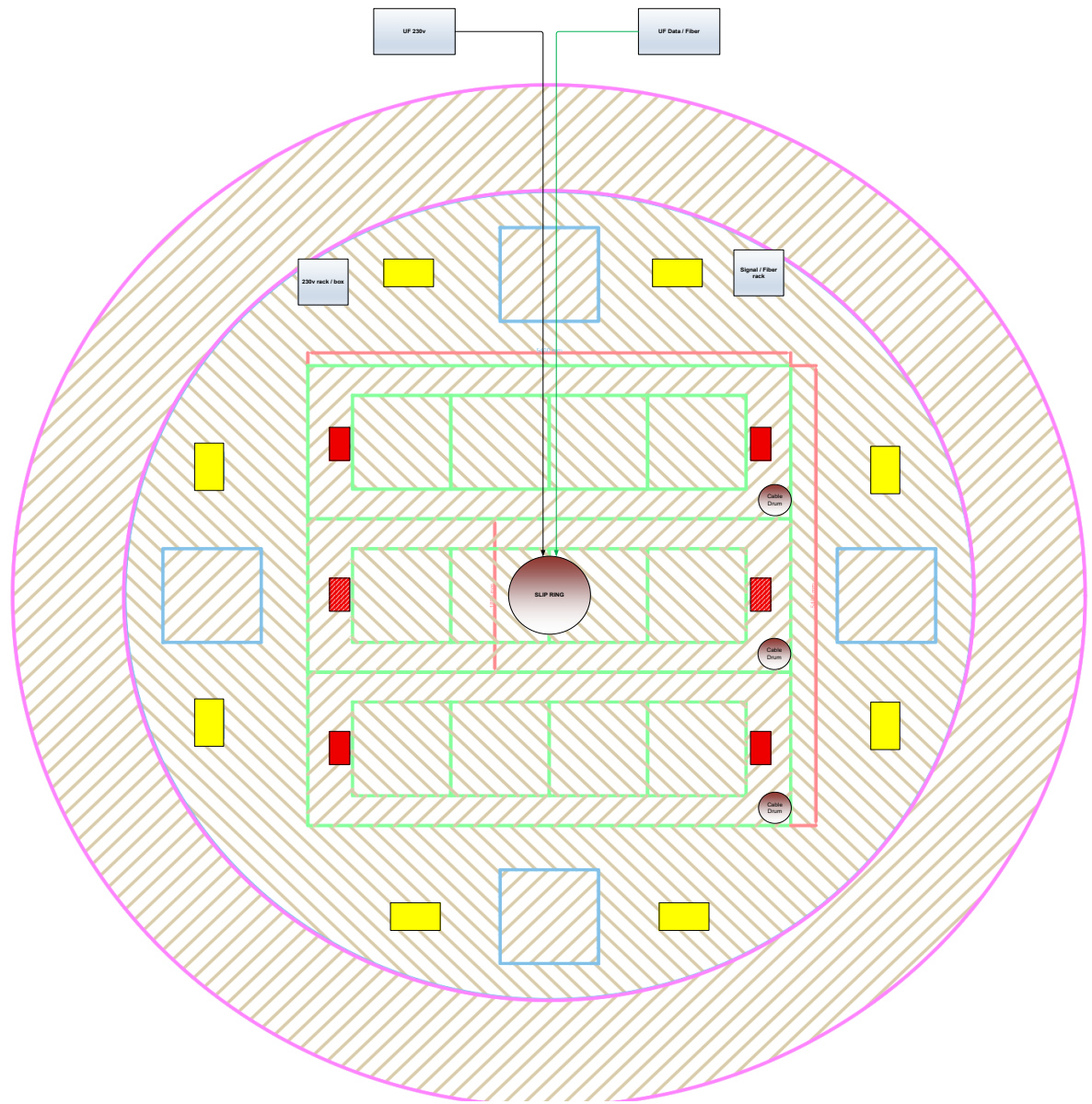
Avenu AS has, on behalf of Trøndelag Teater, developed the AV and show lighting infrastructure design for the new revolving stage in the Main Stage (Hovedscene).

This document provides an overview of the planned connection boxes, fibre topology and associated infrastructure intended to support AV and show lighting systems on the revolving stage.

The information is provided to facilitate coordination between the revolving stage supplier and the Client's appointed contractors.

Detailed interface definitions and final coordination of the infrastructure will be completed after contract award.

The AV and show lighting cabling, connection boxes, fibre infrastructure and associated electrical installations will be provided under separate contracts by the Client's contractors and are not included in the scope of the revolving stage supply.



	AV Connection Box A Revolve 4x Cat6a 4x 230v Shuko on two separate 16A breakers
	AV Connection Box B1 Stage Lifts 4x Cat6a 2x 230v Shuko on one shared 16A breaker
	AV Connection Box B2 Stage Lifts 4x Cat6a 2x 230v Shuko on one shared 16A breaker 2x MMO fiber (pair), OpticalCon Duo connector

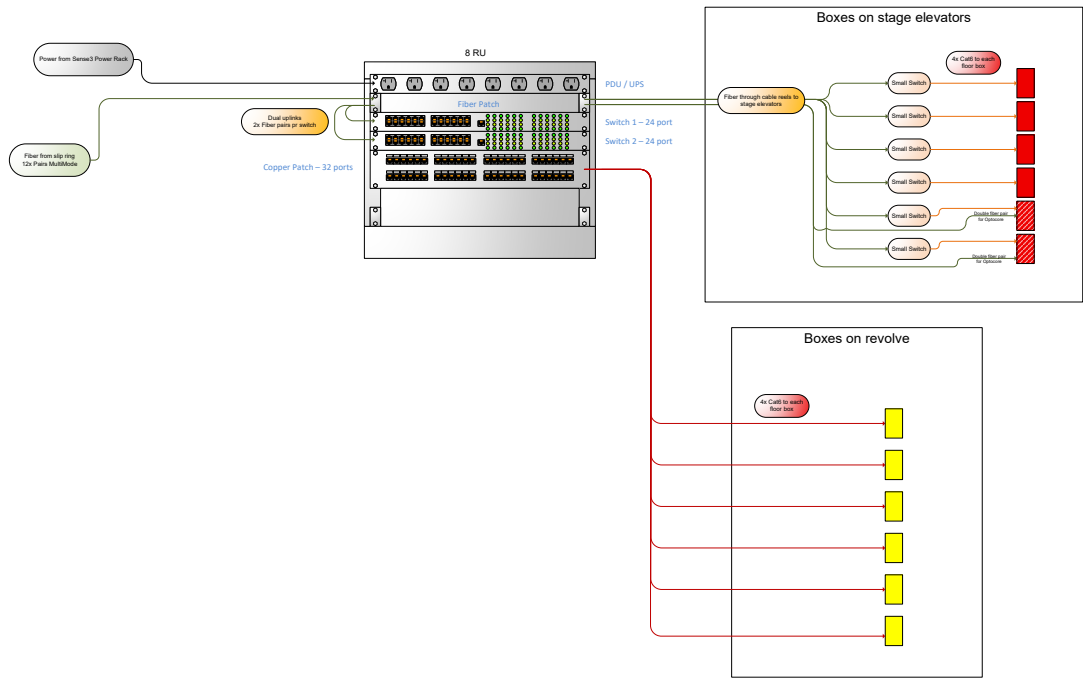
Comments:

Page Name	Øversiktskisse
File Name	Trøndelag Teater - Dreisscene.vsd
Date Created	18-Aug-20
Doc Last Edited	07.09.2026
Print Date	07.09.2026

Cable Legends

Client	Trøndelag Teater
Project	Scene og Amfi
Project Number	20086
Project State	
Revision	0

Figure 1 AV Connection boxes overview



	AV Connection Box A Revolve 4x Cat6a 4x 230v Shucko on two separate 16A breakers
	AV Connection Box B1 Stage Lifts 4x Cat6a 2x 230v Shucko on one shared 16A breaker
	AV Connection Box B2 Stage Lifts 4x Cat6a 2x 230v Shucko on one shared 16A breaker 1x MMO fiber (pair), OpticalCon Duo connector

Comments:

Page Name	Rackdiagram signal
File Name	Trøndelag Teater - Dreiescene.vsd
Date Created	18-Aug-26
Doc Last Edited	07.09.2026
Print Date	07.09.2026

Cable Legends

Client	Trøndelag Teater
Project	Scene og Amfi
Project Number	20086
Project State	
Revision	0

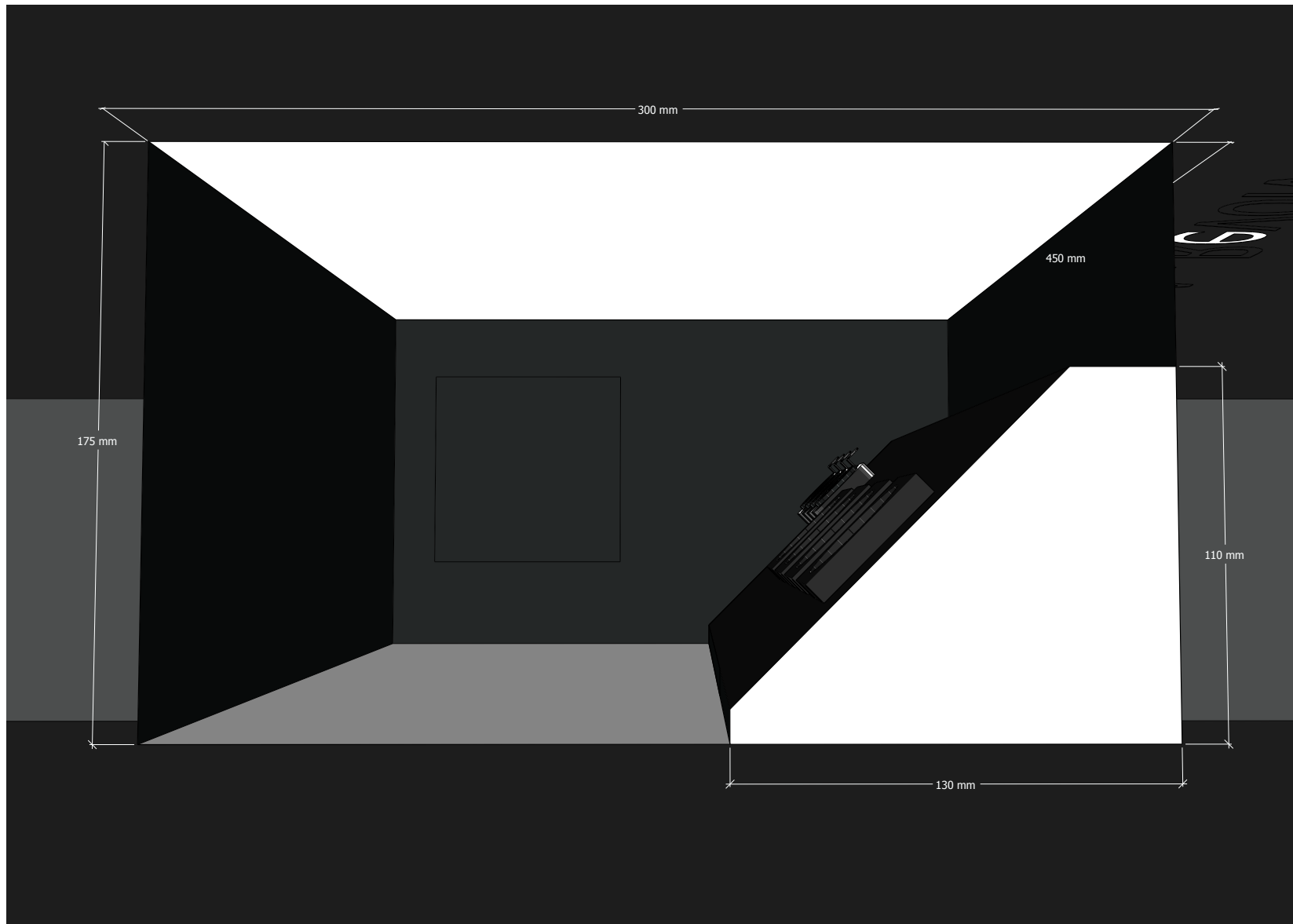
3
Figure 2 Principle drawing of fibre and copper connection

Connection Boxes – Revolve

Preliminary example of AV connection boxes in floor niches on the revolve itself.

Box A - Revolve





Connection Boxes – Elevators

Preliminary example of AV connection boxes in floor niches on the stage elevators in the central part of the revolve

Box B - Elevators



