

#### User Manual

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#### . Welcome to prepare

All relevant data for a start show file are contained in a drawing, whether by yourself or by the technical service provider. So why enter everything twice?!

You can set-up your desk in a couple of minutes to start working!

It's about integrating the coordinates of lamp systems and playing timing presets live into the GMA2 console. The ideal starting point is a csv File from vwx, Wysiwyg, depence2 or capture including all information such as patch, xyz coordinates (position & rotation), function and position. But it also works if you e.g., only have coordinates. You can also download an existing layout from the GMA2 software to build timing presets from or Prepare downloads an xml export with all relevant data. You can also work in it with just one Excel table. It's good to have this program running at all time during programming, cause sometimes you have a new Idea for a delay preset, Effect or Gradient preset. But you don't need this program during your Show. All Data is in your Desk!

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#### 1 Welcome to prepare

Features of the software: Patch your desk with one click Create layouts or load them from GMA2, including all subfixtures / instances Groups in logical horizontal or vertical order Gradient (course between two presets) Timing presets, including all sub-fixtures / instances (in 10 possibilities per defined center point) Marcos and Groups create via Excel table FTP server, for uploading / downloading files (shows, macros, profiles, etc.)

#### 2 Default Settings

Install the prepare App into you application folder

It is best to use the program in the GMA2 network > enter the Desk IP in the software (create network environment in advance in your system settings)

TelNet must be switched on in the GMA2 to be able to use all functions.

No RDM fixture types assigned! > After loading from desk, you can swap lamp types with RDM fixtures again.

Setup window (menu window) must be closed during patch upload in the GMA2.

All measurements are in "Meter" / CAD program must be set in "Meter" as well.

Syntax to import .xml files into GMA2:

Import "filename" at (e.g.Group/Image/Preset) Start ID

# Supported OS

macOS Catalina macOS Big Sur macOS Monterey Win10 Win11

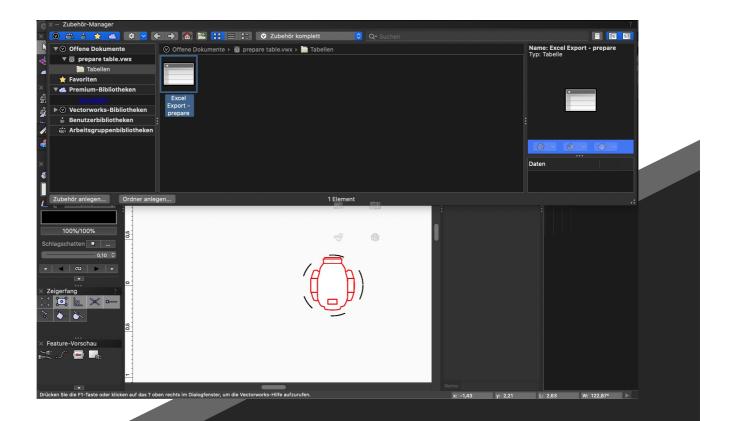
3

•••	prepare	
	ρρ	
	Software Activation	
	Email:	
	Activate	
	Deactivate	

# 4 Software Activation

• Enter you're email and Serial number and you're ready to go.

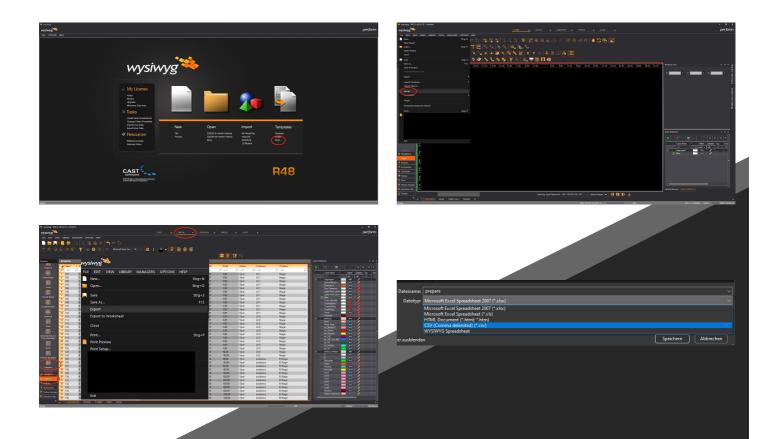
• Internet connection is required



# 5 Import excel table in vwx

- Import our "Excel Export" by right click > import
- All necessary Data fill up automatically.
- Export this table as Format:

CSV Merge (kommagetrennt / comma separated) (\*.csv)



#### 5.1 Export csv from Wysiwyg

- Open a New Wyg File
- Import our Wyg Template
- All necessary Data fill up automatically.
- Start drawing, or Merge you're already existing Wyg File
- To Export > Click on Data > Columns > prepare > File > Export > Save as:

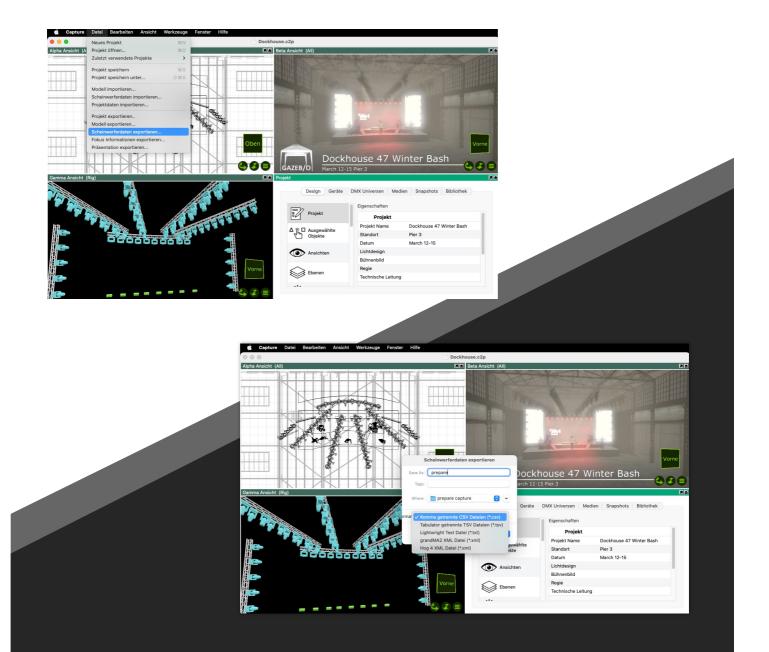
CSV (Comma delimited) (\*.csv)



## 5.2 Export csv from depence2

- Open your depence2 File
- Import our depence2 Template > Windows > Fixture Manager > File > Load Layout
- All necessary Data fill up automatically.
- To Export > Click on File > Export Table > Save as:

Comma separated Values \*.csv Separator ;



## 5.3 Export csv from Capture

- Open your capture File
- To Export > Click on File > Export Fixtures > Save as: Comma separated CSV File (\*csv)

• • •	prepare - V1.5.1 - Registered to: mail@prepareapp.de	
	Start CAD Excel Fixture Types FTP	
	ρρ	
	CAD	
	Excel	
	FixtureTypes	
	Deactivate	
fault Export: USB Export		
Network Upload	Desk User: Administrator Desk Password: ***** Desk IP: 192.168.178.109	

#### 6 Start Tab

- Choose which Tab you want to enter.
- Deactivate > Deactivate your License on this Computer.

(You need to be online)

- Default Export > Choose USB Export or Network
- Type in Desk User
- Desk IP > Insert exact Desk IP

• •		prepare - V1.5.1 - Register Start CAD Excel	ed to: mail@prepareapp.de Fixture Types FTP			
	Patch Setup	Groups	Layouts	Presets		
		Import from CSV Match Fixtures Database Show Save CAD-Settings	Import from GMA Match Fixtures GMA Data Load CAD-Settings			
fault Export: USB Export Network Upload		Desk User: Administrato	r Desk Password:		Desk IP:	192.168.178.109

#### 7.1 Import Data

• After Import the .csv or a GMA2 Data, you can Match Fixtures on 2 different ways (Intern Database / GMA2)

- You can save and load all Data of CAD Tab as a \*.ppcad File.
- Prepare saves the last state when closing the application.

000	prepare - V1.5.1 - Registered to: mail@prepareapp.de
	Start CAD Excel Fixture Types FTP
	Pate   Vectorworks CSV Merge   Vsiwyg Data Export   Depence Fixture Export separators;   Capture CSV Export   Import from CSV Import from GMA Match Fixtures Database Match Fixtures GMA
	Show Data
	Save CAD-Settings Load CAD-Settings
5 ( ) 5 .	
Default Export: USB Export Network Upload	Desk User: Administrator Desk Password: ••••• Desk IP: 192.168.178.109

# 7.1.1 Import from CAD

You can choose you're csv import File:

- Vectotworks
- Wysiwyg
- Depence2
- Capture

000	prepare - V1.5.1 - Registered to: mail@prepareapp.de
Patch Setup	Start       CAD       Excel       Fixture Types       FTP         Image: Cancel       Fixture Types       FTP
	Import from CSV       Import from GMA         Match Fixtures Database       Match Fixtures GMA         Show Data       Show Data         Save CAD-Settings       Load CAD-Settings
Default Export: USB Export Network Upload	Desk User: Administrator Desk Password: ••••• Desk IP: 192.168.178.109

## 7.1.2 Import from GMA

• Import from GMA button opens up a PopUp with 3 different options:

- Load Layout: You can load a Layout from your Layout Pool
- Load XML File: load an XML File from GMA2
- Load Fixture Data: If you are connected with a Desk you can load all necessary Data via Network

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102 103	8 8	241 281	SceniusU	-4.704 -2.351	-0.528 -0.528	12.0	0.0	0.0	180.0 180.0	SceniusU		Heads									
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#### 7.2 Show Data and Edit

You can Show your Data and Edit these:

• Mark lines and Edit these directly in prepare App

		Start CAD	Excel Fixt	ture Types	FTP				
		Match	<b>β</b> ρ h Fixture	Types					
From CAD	Manufact	urer Fixture		Mode					
SceniusU	claypaky	sceniusunico	o 😒 s	standard	<b>O</b> •				
X4L	glp	impressionx4	11		0				
Icon Edge	Select	0	0		•	Auto-Match			
ViperW	martin	😌 macviperwasł	h: 📀	16bit	<b>•</b>	Save			
JDC-1	Select	0	0		•				
Tetra2	Select		0		•	Save Settings			
Spiider	robe	o robinspiider	· 🜔 r	mode10	0	Load Settings			
Fog	Select	0	0		<b>o</b>	Edit Sub-Fixtures			
Haze	Select	0	0		3				
Blinder	Select	0	0			prepare - V1	.5.1 - Registered to: mail	@prepareapp.de	
						Start	CAD Excel Fixture T	ypes FTP	
Export:					<		ρ		
Export		Desk User: Admin	nistrator	Des	<		<b>Pp</b> Match Fixture Typ	es	
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Export		Desk User: Admin	nistrator			Fixture 5 claypaky sceniusunicoref standard	Match Fixture Typ	es	
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Export		Desk User: Admir	istrator		From CAD SceniusU X4L Icon Edge ViperW JDC-1 Tetra2 Spilder Fog	5 claypaky sceniusunicoref standard 9 glp impressionx4fref normal 10 prg iconedge standard 6 martin macviperwashdxref 16bit 4 glp jdc-tref spixpro 3 robe robintetra2 mode3 8 robe robinspiiderprf mode8 2 generic dimmer 00		ës	Save Save Settings
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Export		Desk User: Admir	Nistrator		From CAD SceniusU X4L Icon Edge JDC-1 Tetra2 Spilder Fog Haze	5 claypaky sceniusunicoref standard 9 gip impressionx4fref normal 10 prg iconedge standard 6 martin macviperwashdxref 16bit 4 gip jdc-tref spixpro 3 robe robintetra2 mode3 8 robe robinspiiderprf mode8 2 generic dimmer 00 2 generic dimmer 00		es	Load GMA Fixtures Save Save Settings Load Settings

#### 7.3 Match Fixture Type

• Match Fixture Database, allows you to match Fixtures which already imported in internal Database (some are already included by default).

• With Match Fixture GMA you Load Fixtures from GMA. These should already be imported in the GMA showfile.

• On both ways is the new Auto Match Function, which suggests a choice.

- Orange dot > Auto Match suggestion
- Red dot > Can't find a Match
- Green dot > saved

		Match Fixture Types	
From CAD SceniusU X4L Icon Edge ViperW JDC-1 Tetra2	5 claypaky 9 glp im 10 pr 6 martin r 4 g 3 robe	Registered to: mail@prep Rot X: 0 Rot Y: 0 Rot Z: 0 Flip X-Values Flip Y-Values	Skip unused FixtureTypes Load GMA Fixtures Save Save Settings
Spiider	8 robe i	Flip Z-Values	Load Settings
Fog	2 g	pply	Edit Sub-Fixtures
Haze	2 g	ppiy	
Blinder	2 generic dimmer 00		

#### 7.3.1 Edit Sub-Fixtures

• After click on Save you are ready to go back to Main Menu by hitting the arrow top left side.

• You can Save Settings as .ppft for later reloading.

• On Button Edit Sub-Fixtures a Pop-up appears. Here you can adapt all Sub-Instances from the Fixtures as rotation and flipping

0 0	Start C	AD Excel Fixtur	re Types	FTP			
	Start		ie iypes	F IF			
<							
				•••	Set Appea	arances	
		Groups		O Fixtu	reType		sition
				SceniusU	1.1	Set	
				X4L		Set	
	Vi	ew-Width: 16		Icon Edge		Set	
	Or	rientation: Horizont	tal 🗘	ViperW		Set	
		Sorting: FixtureTy	ype 🗘	JDC-1		Set	
		1: FixtureType-Group	ps	Tetra2		Set	
		2: Position-Groups		Spiider		Set	
	$\checkmark$	3: Function-Groups		Fog		Set	
		Appearance		Haze		Set	
		Filter	8	Blinder		Set	
	Create XYZ Groups	Create Groups	s		App	ly.	
						'y	
Default Export: USB Export							
Network Upload	Desk User:	Administrator	Desk	Password:	•	Desk IP:	192.168.178.109

## 7.4 Groups

• View-Width: Enter your horizontal MA2 Group Window width

- Orientation: Horizontal or Vertical
- Sorting: determinate the sorting by Fixture Type or Position
- Click Checkbox for creating Groups of Fixture Types / Positions / Functions

• Appearance: Set Appearances Colors sorted by Fixture Type and/or Position

• • •	prepare - V1.5.1 - Registered to: mail@prepareapp.de
	Start CAD Excel Fixture Types FTP
<	Groups
	View-Width: 16 Orientation: Horizontal © Sorting: FixtureType © I: FixtureType-Groups I: FixtureType-Groups I: Position-Groups I: Finction-Groups Appearance Filter
	Create XYZ Groups Create Groups Create Sub-ID Groups
Default Export: USB Export Network Upload	Desk User: Administrator Desk Password: ••••• Desk IP: 192.168.178.109

#### 7.4 Groups

• Create XYZ Groups:

Creates 12 groups in all variants of all Fixture Types in all axes.

- Top X+ / X- Top Y+ / Y-
- Front X+ / X- Front Y+ / Y-
- Side X+ / X- Side Y+ / Y-

• Create Sub-ID Groups: Building Groups for each Module of each Fixture Type and/or Function Groups

• • •	prepare - V1	.5.1 - Registered to: mail@p	repareapp.de			
	Start	CAD Excel Fixture Typ	es FTP			
<		Layouts				
	Layout	Export Imag	je: 🗌 🔹 👔			
Label	Layout:	File Nam	ie:	Center X:	0	
Rotate	Layout: 0	Pool N	lo:	Center Y:	0	
Set Orier	ntation: Top 📀			? Width:	100	
	e Rot X:			Height:	100	
	e Rot Y:					
Disable	e Rot Z:					
		Appearance				
		Filter				
Set Fixturesize to 0.25	Include Multifixtures	Create Layout				
Default Export:						
USB Export	<b>_</b> 11 <b>_</b> 12	Administrator				192.168.178.109
Network Upload	Desk User:	Autorinistrator De	sk Password:		Desk IP:	192.100.1/8.109

## 7.5 Layouts

• In this window you can create Layouts from 3 different angles: Top, Side and Front. Just label it, set Rotation if needed, set Orientation and if you want disable rotation. In some cases it makes sense to disable the orientation, e.g. Subfixtures etc.

• You can set Filters of Fixture Types, Positions or choose a existing Group from your Desk.

• On the right side you can put an Image, under your Layout for a better overview. Click List Image to show all Images in your desk or click Upload Image to upload an image from computer.

• On bottom left you can set the Fixture to a fixed size.

• Appearance: you can choose Colors for your Layouts such as in Group Window.

• • •	prepare - V1.5.1 -	Registered to: mail@prep	areapp.de	
	Start CAD	Excel Fixture Types	FTP	
<		Presets		
Preset	s:	Origin:	Options:	
C Line X>	X: Y:	0 0	Set Orientation: Top 💿 Disable Rot X:	
C Line Y>	Z: Rotate:	0 0	Disbale Rot Y:  Disable Rot Z: Add SubIDs:	
Line X<>	<u>U</u>	Save	Min Time: 0.0 Max Time: 1.0	
All	Select:	default 文 Clear	Grouping: 1 Mirror Even ? Path: Linear 📀	
◯ Value	[	Filter 🛞		
<ul> <li>Delay</li> <li>FX Phase</li> </ul>	Create FX Groups	Create Presets	Create GradientPresets	
efault Export: USB Export Network Upload	Desk User: Ad	Iministrator Desk I	Password: ••••• Desk IP: 192.168.178.10	09

Choose so many preset forms you want to create.

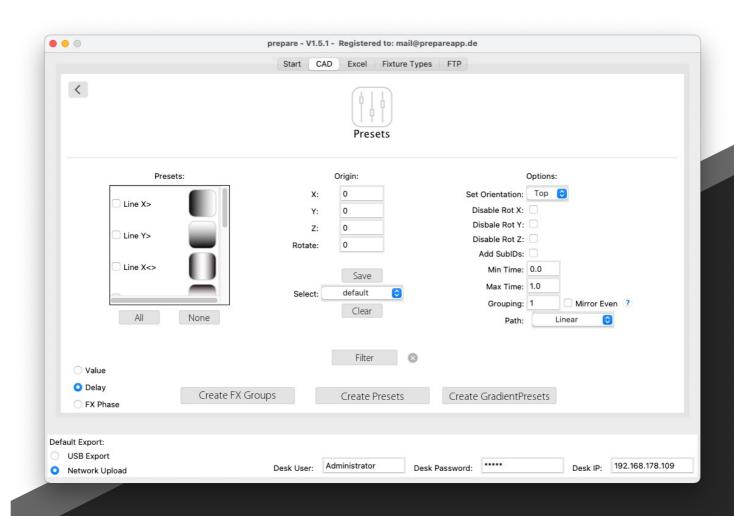
- Line X> left to right
- Line Y> bottom to top
- Line X<> symmetrical center to sides
- Line Y<> symmetrical center to top & bottom
- Ring from center round outwards
- Clock clockwise open
- Cake<> symmetrical cake open
- Arrow from left to right/ Number defined the angle
- Diamond (square 45°)
- Cross

• • •	prepare - V	1.5.1 - Registered to: mail@p	repareapp.de	
	Start	CAD Excel Fixture Typ	es FTP	
<		Presets		
Pre	esets:	Origin:	Options:	
Line X>		X: 0 Y: 0	Set Orientation: Top 😒 Disable Rot X: 🗌	
C Line Y>	Rotate	Z: 0 e: 0	Disbale Rot Y:  Disable Rot Z: Add SublDs:	
C Line X<>	U	Save	Min Time: 0.0 Max Time: 1.0	
All	None	et: default 😒	Grouping: 1 Mirror Even ? Path: Linear 3	
		Filter		
<ul> <li>Value</li> <li>Delay</li> <li>FX Phase</li> </ul>	Create FX Groups	Create Presets	Create GradientPresets	
C TATHOSE				
fault Export: USB Export Network Upload	Desk User:	Administrator De	sk Password: Desk IP: 192.168	3.178.109

• Origin:

• Set origin defaults. To create diffrent origins you can adapt these parameter, e.g. to create all kinds of presets 5 meters to the left just type at x: -5

• For reuse these parameters you can save and load them.



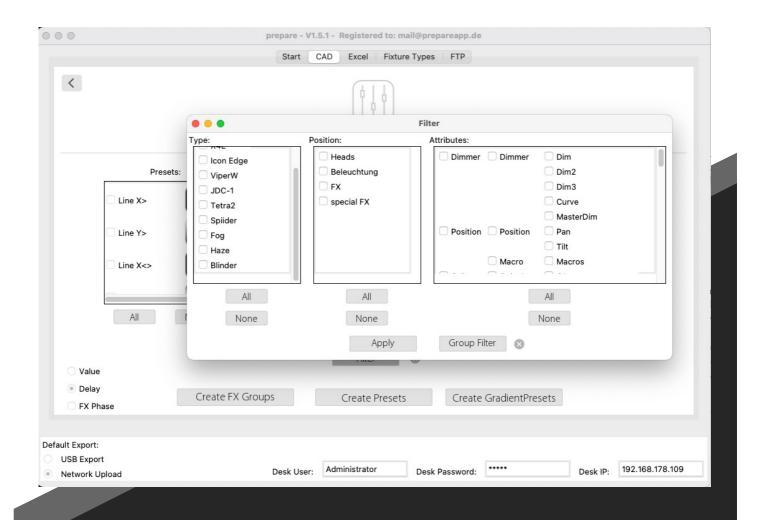
• Options:

• On right side you can choose which angle you need, disable rotation and Add SubIDs. With click on the checkmark the software calculate also all Sub Fixtures in each Fixture.

• Min/Max Value is for timing (in seconds), you can also change this easily later in the desk.

• If you create Values, it stands for 0-100% and at FX Phase from 0-xxx°. Grouping regards grouping for the presets. At Path you can choose a Ramp low/normal/high.

• Mirror even stands for mirroring in combination with groups



• At Filters you can choose in these Tap also an Attribute. If you need delay Presets, it's better if you take all (don't set any Filter), if you want to have FX's it's necessary that you set Filters.

• Like before you can also take a group of Fixtures which you created in your showfile.

- Create FX Groups creates Groups instead of presets.
- At Gradient Presets you can select from 2 presets from your desk and create a new Gradient one. The Gradient remember the last choice.

• E.g. red to white in Line X > is on left side red and will go to white on right side.

0		prepare - V1.5.1 - Regis	tered to: mail@prepareapp.c	le		
		Start CAD Exc	el Fixture Types FTP			
	Macros					
	Ν	Natch Fixture Database	Match Fixture GM	A		
Default Export: USB Export Network Upload		Desk User: Administr	ator Desk Password		Desk IP:	192.168.178.109

#### 8.1 Macros

• With our supplied Excel Sheet you can write down Macros. Just mark and copy one and press Create Macro in prepare, then enter a pool number and you got this Macro on demand.

0		prepare - V1.5.1 - Registere	d to: mail@prepareapp.de	
		Start CAD Excel	Fixture Types FTP	
	Macros			
		Match Fixture Database	Match Fixture GMA	
Default Export: USB Export		Desk User: Administrator	Desk Password:	 Desk IP: 192.168.178.109

## 8.2 Groups, Layouts and Presets

• With our supplied Excel Sheet you can copy (e.g. Groups) and press Match Fixture Types.

• Thereafter you can create Groups, Layouts and Presets from Excel Table by copying one of these into your clipboard and press create (Group/Layout/Presets)

• •	prepare - vi.t	5.1 - Registered to: mail@	prepareapp.de		
	Start C	AD Excel Fixture Ty	vpes FTP		
		Import Fixture Types			
		rrent FixtureTypes in data		1	
	Manufacturer	Model	Mode		
	> ayrton ∨ claypaky				
		a.ledab-eyek20	shapesrgbw		
		mythos2 sceniusprofile	standard-lampon standardlampon		
		sceniusunico	standard		
	> generic	sharpy	standardlampon		
	> glp > martin				
	> robe				
	> varilite				
Overwrite					
O Ignore					
efault Export:					
USB Export					
Network Upload	Desk User:	Administrator [	Desk Password:	Desk IP:	192.168.178.109

#### 9 Fixture Types

• In this pool you can upload your personal Fixture Types. A little stock of common Fixtures are in by default. These is the pool if you do Match Fixture Types Database.

 It's a FTP Server as you know it. Loading files e.g. Showfiles, Images, Profiles etc. up and down.

#### 11 Credits / License

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