

ZyCast Technology KT-FX4DA Quick Install Manual

This package contains:

- 1 x KT-FX4DA 4-Input HD DVB-T Digital Modulator with Delayed Audio Output
- 2 x Power Supplies (main and redundant)
- 1 x Quick Install Manual

Inspect the package before starting installation to ensure there is no damage and all supplied contents are present. Contact your distributor or dealer should the device be damaged, or package contents are incomplete.

Hardware Installation and Connections

It is highly recommended that quality cables and connectors be used for all video and audio source connections.

1. Use quality HDMI cables to connect the video sources (e.g., STB etc) to the unit's HDMI Input port 1,2,3,4.
2. Use a quality 75Ω coaxial cable with "F" connectors from the unit's RF Output jack to the distribution system or directly to a television.
3. Use quality RCA cables to connect the audio output to a amplifier RCA inputs
4. If you require Web Management, connect an RJ45 cable to your PC (refer to full installation manual at digi-modbyzycast.com for connection procedure). **Static IP address is 192.168.1.101**
5. Connect the included power supplies to the unit's DC 12V POWER jack.
6. Connect the power supply to an appropriately rated AC power outlet.

Settings

Default settings

Input	Channel Name	LCN	RF Output	Delayed Audio
Input 1	Fox Sports News	101	32 (557.5MHz)	Input 1
Input 2	Fox Cricket	102	33 (564.5MHz)	--
Input 3	Fox League	103	34 (571.5MHz)	--
Input 4	Fox Sports 3	104	35 (578.5MHz)	--
Launch Level		85dB		
GUI IP Address		GUI IP Address – 192.168.1.101		
LCD Front Panel Password		LCD Password - 0000		

Note – for Foxtel commercial installations, please refer to the list on the other side of this manual for preprogrammed Foxtel channel numbers.

Enter the desired Foxtel channel number in the LCD display when asked for per input - then select the desired RF Output channel for the installation.

Once completed – The modulator will automatically change all settings to reflect this channel in the modulator (LCN, Channel Number, PID, Delayed Audio Output timing etc). This is to ensure no channel clashing in setup.

Regarding GUI IP Address – the address will be the allocation of the first channel. For example – default is **192.168.1.101** (101 is program number for "Fox Sports News"). If you changed the first input of the KT-FX4DA to 104 (Fox Sports 3) the IP Address will change to 192.168.1.104 automatically. This will allow you to set up multiple modulators in the installation.

For further programming options in this modulator, they must be done via the WEB GUI. Refer to www.digi-modbyzycast.com or your place of purchase for full installation manual.

**Preprogrammed Foxtel
Approved Channels**

Channel ID #	Channel Name	LCN (Channel Number)	IP Address
101	Fox Sports News	500	192.168.1.101
102	Fox Cricket	501	192.168.1.102
103	Fox League	502	192.168.1.103
104	Fox Sports 3	503	192.168.1.104
105	Fox Footy	504	192.168.1.105
106	Fox Sports 5	505	192.168.1.106
107	Fox Sports 6	506	192.168.1.107
108	Fox Sports More	507	192.168.1.108
109	ESPN	508	192.168.1.109
110	ESPN 2	509	192.168.1.110
111	Bein Sports 1	513	192.168.1.111
112	Bein Sports 2	514	192.168.1.112
113	Bein Sports 3	515	192.168.1.113
114	Eurosport	511	192.168.1.114
115	Chelsea TV	516	192.168.1.115
116	LFCTV	517	192.168.1.116
117	MUTV	518	192.168.1.117
118	Sky Racing 1	526	192.168.1.118
119	Sky Racing 2	527	192.168.1.119
120	SkyThoroughredCe	528	192.168.1.120
121	Racing.com	529	192.168.1.121
122	Sky News	601	192.168.1.122
123	Sky News Business	602	192.168.1.123
124	Sky News Weather	603	192.168.1.124
125	Fox News	604	192.168.1.125
126	CNN	605	192.168.1.126
127	CNBC	644	192.168.1.127
128	APAC	648	192.168.1.128
129	BBC World News	649	192.168.1.129
130	Bloomberg	650	192.168.1.130
131	Al Jazeera	651	192.168.1.131
132	V	801	192.168.1.132
133	MTV Music	803	192.168.1.133
134	MTV Dance	804	192.168.1.134
135	Max	805	192.168.1.135
136	CMC	815	192.168.1.136

Spare Channels

Channel ID #	Channel Name	LCN (Channel Number)	IP Address
137	Spare Channel 1	401	192.168.1.137
138	Spare Channel 2	402	192.168.1.138
139	Spare Channel 3	403	192.168.1.139
140	Spare Channel 4	404	192.168.1.140
141	Spare Channel 5	405	192.168.1.141
142	Spare Channel 6	406	192.168.1.142
143	Spare Channel 7	407	192.168.1.143
144	Spare Channel 8	408	192.168.1.144
145	Spare Channel 9	409	192.168.1.145
146	Spare Channel 10	410	192.168.1.146
147	Spare Channel 11	411	192.168.1.147
148	Spare Channel 12	412	192.168.1.148
149	Spare Channel 13	413	192.168.1.149
150	Spare Channel 14	414	192.168.1.150
151	Spare Channel 15	415	192.168.1.151
152	Spare Channel 16	416	192.168.1.152
153	Spare Channel 17	417	192.168.1.153
154	Spare Channel 18	418	192.168.1.154
155	Spare Channel 19	419	192.168.1.155
156	Spare Channel 20	420	192.168.1.156
157	Spare Channel 21	421	192.168.1.157
158	Spare Channel 22	422	192.168.1.158
159	Spare Channel 23	423	192.168.1.159
160	Spare Channel 24	424	192.168.1.160
161	Spare Channel 25	425	192.168.1.161
162	Spare Channel 26	426	192.168.1.162
163	Spare Channel 27	427	192.168.1.163
164	Spare Channel 28	428	192.168.1.164
165	Spare Channel 29	429	192.168.1.165
166	Spare Channel 30	430	192.168.1.166
167	Spare Channel 31	431	192.168.1.167
168	Spare Channel 32	432	192.168.1.168
169	Spare Channel 33	433	192.168.1.169
170	Spare Channel 34	434	192.168.1.170
171	Spare Channel 35	435	192.168.1.171
172	Spare Channel 36	436	192.168.1.172
173	Spare Channel 37	437	192.168.1.173
174	Spare Channel 38	438	192.168.1.174
175	Spare Channel 39	439	192.168.1.175
176	Spare Channel 40	440	192.168.1.176
177	Spare Channel 41	441	192.168.1.177
178	Spare Channel 42	442	192.168.1.178
179	Spare Channel 43	443	192.168.1.179
180	Spare Channel 44	444	192.168.1.180
181	Spare Channel 45	445	192.168.1.181
182	Spare Channel 46	446	192.168.1.182
183	Spare Channel 47	447	192.168.1.183
184	Spare Channel 48	448	192.168.1.184
185	Spare Channel 49	449	192.168.1.185
186	Spare Channel 50	450	192.168.1.186