



TX30
PROTOCOL TRANSLATOR
OWNER'S MANUAL

Version 0.4
06/28/2022

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DESCRIPTION

The TX30 is a compact in-line translator which receives DMX512 and transmits the Lightronics (LMX-128) multiplex protocol. This is an industry standard multiplex protocol and MAY be compatible with other manufacturers' multiplex devices. The unit is powered by the LMX dimmer chain to which it is connected or may be powered by an external plug-in power supply.

CONNECTIONS

DMX is received via a 5 pin male XLR connector. LMX output is via a 3 pin female XLR connector. A 5 pin female XLR is also provided for the DMX "pass thru". LED indicators display power and input signal status.

EXTERNAL POWER SUPPLY

Input Voltage: 120VAC
 Output Voltage: 24 VDC
 Output Current: 1.0 Amp
 Connector: 2.1mm female connector

The TX30 will operate using an external power supply which provides anywhere from 12 to 24 Volts AC or DC. The supply must be rated for least at 600 mA. If a DC supply is used, the center pin of the connector MUST BE THE POSITIVE output of the supply.

OPERATION

The TX30 translates and sends LMX-128 automatically when power is applied and a DMX signal is present. LED indicators show the power and DMX incoming signal status.

CHANNEL ASSIGNMENT

The TX30 translates 192 channels at a time. Eight of the DIP switches on the front of the unit are used to select the starting channel of the 192 channel block. When all switches are down, channels 1 - 192 are selected. Channel selection is incremented two channels at a time. A table of address switch settings is included at the back of this manual.

DMX TERMINATE

DIP switch number 1 will terminate the DMX input bus when it is in the DOWN position.

HOLD FUNCTION

DIP switch number 2 activates a "hold" function. When in the UP position, channel outputs remain at their current levels indefinitely upon a loss of DMX.

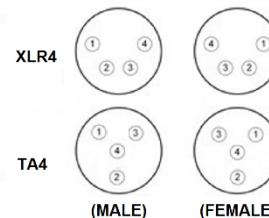
TX192 OPTION

The TX30 may be optionally supplied to transmit the AMX192 protocol. This model transmits both LMX and AMX simultaneously. An external power supply is included and is needed with this option. The AMX-192 output signal is transmitted from a 4 pin, male, XLR connector located at the rear of the unit.

CAUTION: Some AMX dimmers use a 4 pin TA4 mini connector for the control signal. This connector is NOT wired the same as the 4 pin XLR connector. The following table provides the information needed to make an adapter cable.

AMX192 CONNECTOR WIRING

Signal Name	XLR Connector Pin #	TA4 Connector Pin #
Common	1	2
Clock +	2	3
AMX Signal	3	4
Clock -	4	1



MAINTENANCE AND REPAIR

TROUBLESHOOTING

Verify cables and wiring (a very common source of problems).

Ensure that all system units are powered on - particularly the dimmer to which the translator is connected.

Check address settings at dimmers, console, and translator. Check console patch configuration.

REPAIR

There are no user serviceable parts in the unit. Internal service by other than Lightronics authorized agents will void the warranty. If service is required, contact the dealer from whom you purchased the unit or contact the Lightronics Service Dept.

WARRANTY INFORMATION AND REGISTRATION - CLICK LINK BELOW

www.lightronics.com/warranty.html

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ADDRESS SETTINGS TABLE

The DIP Switch Setting column shows the positions of the Address DIP switches on the TX30. The Start Channel column shows the resulting DMX channel assignment for the first TX30 LMX output channel (channel 1). The left end two DIP switches are not included in the table since they do not affect the address settings.

NOTE: Some control consoles and dimmers can be programmed or "patched" to alter their channel order. You may get unexpected results if you are not aware of the patch condition when you set the TX30 address switches.

EXAMPLE: If the TX30 address DIP switches are set to $\downarrow\downarrow\uparrow\downarrow\uparrow\downarrow\uparrow\uparrow$: channel 1 of the LMX dimmer will respond to DMX address 87. The remaining dimmer channels will respond to DMX address 88, 89, 90, etc.

DIP Switch # and Setting		Start Chan	DIP Switch # and Setting		Start Chan	DIP Switch # and Setting		Start Chan	DIP Switch # and Setting		Start Chan				
3	4		5	6		7	8		9	10		3	4	5	6
$\downarrow\downarrow\downarrow\downarrow\downarrow\downarrow\downarrow\downarrow$	1	$\downarrow\downarrow\uparrow\downarrow\downarrow\downarrow\downarrow\downarrow$	65	$\downarrow\uparrow\downarrow\downarrow\downarrow\downarrow\downarrow\downarrow$	129	$\downarrow\uparrow\uparrow\downarrow\downarrow\downarrow\downarrow\downarrow$	193								
$\downarrow\downarrow\downarrow\downarrow\downarrow\downarrow\downarrow\uparrow$	3	$\downarrow\downarrow\uparrow\downarrow\downarrow\downarrow\downarrow\uparrow$	67	$\downarrow\uparrow\downarrow\downarrow\downarrow\downarrow\downarrow\uparrow$	131	$\downarrow\uparrow\uparrow\downarrow\downarrow\downarrow\downarrow\uparrow$	195								
$\downarrow\downarrow\downarrow\downarrow\downarrow\downarrow\uparrow\downarrow$	5	$\downarrow\downarrow\uparrow\downarrow\downarrow\downarrow\uparrow\downarrow$	69	$\downarrow\uparrow\downarrow\downarrow\downarrow\downarrow\uparrow\downarrow$	133	$\downarrow\uparrow\uparrow\downarrow\downarrow\downarrow\uparrow\downarrow$	197								
$\downarrow\downarrow\downarrow\downarrow\downarrow\downarrow\uparrow\uparrow$	7	$\downarrow\downarrow\uparrow\downarrow\downarrow\downarrow\uparrow\uparrow$	71	$\downarrow\uparrow\downarrow\downarrow\downarrow\downarrow\uparrow\uparrow$	135	$\downarrow\uparrow\uparrow\downarrow\downarrow\downarrow\uparrow\uparrow$	199								
$\downarrow\downarrow\downarrow\downarrow\downarrow\uparrow\downarrow\downarrow$	9	$\downarrow\downarrow\uparrow\downarrow\downarrow\uparrow\downarrow\downarrow$	73	$\downarrow\uparrow\downarrow\downarrow\downarrow\uparrow\downarrow\downarrow$	137	$\downarrow\uparrow\uparrow\downarrow\downarrow\uparrow\downarrow\downarrow$	201								
$\downarrow\downarrow\downarrow\downarrow\downarrow\uparrow\downarrow\uparrow$	11	$\downarrow\downarrow\uparrow\downarrow\downarrow\uparrow\downarrow\uparrow$	75	$\downarrow\uparrow\downarrow\downarrow\downarrow\uparrow\downarrow\uparrow$	139	$\downarrow\uparrow\uparrow\downarrow\downarrow\uparrow\downarrow\uparrow$	203								
$\downarrow\downarrow\downarrow\downarrow\downarrow\uparrow\uparrow\downarrow$	13	$\downarrow\downarrow\uparrow\downarrow\downarrow\uparrow\uparrow\downarrow$	77	$\downarrow\uparrow\downarrow\downarrow\downarrow\uparrow\uparrow\downarrow$	141	$\downarrow\uparrow\uparrow\downarrow\downarrow\uparrow\uparrow\downarrow$	205								
$\downarrow\downarrow\downarrow\downarrow\downarrow\uparrow\uparrow\uparrow$	15	$\downarrow\downarrow\uparrow\downarrow\downarrow\uparrow\uparrow\uparrow$	79	$\downarrow\uparrow\downarrow\downarrow\downarrow\uparrow\uparrow\uparrow$	143	$\downarrow\uparrow\uparrow\downarrow\downarrow\uparrow\uparrow\uparrow$	207								
$\downarrow\downarrow\downarrow\downarrow\uparrow\downarrow\downarrow\downarrow$	17	$\downarrow\downarrow\uparrow\downarrow\uparrow\downarrow\downarrow\downarrow$	81	$\downarrow\uparrow\downarrow\downarrow\uparrow\downarrow\downarrow\downarrow$	145	$\downarrow\uparrow\uparrow\downarrow\uparrow\downarrow\downarrow\downarrow$	209								
$\downarrow\downarrow\downarrow\downarrow\uparrow\downarrow\downarrow\uparrow$	19	$\downarrow\downarrow\uparrow\downarrow\uparrow\downarrow\downarrow\uparrow$	83	$\downarrow\uparrow\downarrow\downarrow\uparrow\downarrow\downarrow\uparrow$	147	$\downarrow\uparrow\uparrow\downarrow\uparrow\downarrow\downarrow\uparrow$	211								
$\downarrow\downarrow\downarrow\downarrow\uparrow\downarrow\uparrow\downarrow$	21	$\downarrow\downarrow\uparrow\downarrow\uparrow\downarrow\uparrow\downarrow$	85	$\downarrow\uparrow\downarrow\downarrow\uparrow\downarrow\uparrow\downarrow$	149	$\downarrow\uparrow\uparrow\downarrow\uparrow\downarrow\uparrow\downarrow$	213								
$\downarrow\downarrow\downarrow\downarrow\uparrow\downarrow\uparrow\uparrow$	23	$\downarrow\downarrow\uparrow\downarrow\uparrow\downarrow\uparrow\uparrow$	87	$\downarrow\uparrow\downarrow\downarrow\uparrow\downarrow\uparrow\uparrow$	151	$\downarrow\uparrow\uparrow\downarrow\uparrow\downarrow\uparrow\uparrow$	215								
$\downarrow\downarrow\downarrow\downarrow\uparrow\uparrow\downarrow\downarrow$	25	$\downarrow\downarrow\uparrow\downarrow\uparrow\uparrow\downarrow\downarrow$	89	$\downarrow\uparrow\downarrow\downarrow\uparrow\uparrow\downarrow\downarrow$	153	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\downarrow\downarrow$	217								
$\downarrow\downarrow\downarrow\downarrow\uparrow\uparrow\downarrow\uparrow$	27	$\downarrow\downarrow\uparrow\downarrow\uparrow\uparrow\downarrow\uparrow$	91	$\downarrow\uparrow\downarrow\downarrow\uparrow\uparrow\downarrow\uparrow$	155	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\downarrow\uparrow$	219								
$\downarrow\downarrow\downarrow\downarrow\uparrow\uparrow\uparrow\downarrow$	29	$\downarrow\downarrow\uparrow\downarrow\uparrow\uparrow\uparrow\downarrow$	93	$\downarrow\uparrow\downarrow\downarrow\uparrow\uparrow\uparrow\downarrow$	157	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\uparrow\downarrow$	221								
$\downarrow\downarrow\downarrow\downarrow\uparrow\uparrow\uparrow\uparrow$	31	$\downarrow\downarrow\uparrow\downarrow\uparrow\uparrow\uparrow\uparrow$	95	$\downarrow\uparrow\downarrow\downarrow\uparrow\uparrow\uparrow\uparrow$	159	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\uparrow\uparrow$	223								
$\downarrow\downarrow\downarrow\uparrow\downarrow\downarrow\downarrow\downarrow$	33	$\downarrow\downarrow\uparrow\uparrow\downarrow\downarrow\downarrow\downarrow$	97	$\downarrow\uparrow\uparrow\downarrow\uparrow\downarrow\downarrow\downarrow$	161	$\downarrow\uparrow\uparrow\uparrow\downarrow\downarrow\downarrow\downarrow$	225								
$\downarrow\downarrow\downarrow\uparrow\downarrow\downarrow\downarrow\uparrow$	35	$\downarrow\downarrow\uparrow\uparrow\downarrow\downarrow\downarrow\uparrow$	99	$\downarrow\uparrow\uparrow\downarrow\uparrow\downarrow\downarrow\uparrow$	163	$\downarrow\uparrow\uparrow\uparrow\downarrow\downarrow\downarrow\uparrow$	227								
$\downarrow\downarrow\downarrow\uparrow\downarrow\downarrow\uparrow\downarrow$	37	$\downarrow\downarrow\uparrow\uparrow\downarrow\downarrow\uparrow\downarrow$	101	$\downarrow\uparrow\uparrow\downarrow\uparrow\downarrow\uparrow\downarrow$	165	$\downarrow\uparrow\uparrow\uparrow\downarrow\downarrow\uparrow\downarrow$	229								
$\downarrow\downarrow\downarrow\uparrow\downarrow\downarrow\uparrow\uparrow$	39	$\downarrow\downarrow\uparrow\uparrow\downarrow\downarrow\uparrow\uparrow$	103	$\downarrow\uparrow\uparrow\downarrow\uparrow\downarrow\uparrow\uparrow$	167	$\downarrow\uparrow\uparrow\uparrow\downarrow\downarrow\uparrow\uparrow$	231								
$\downarrow\downarrow\downarrow\uparrow\downarrow\uparrow\downarrow\downarrow$	41	$\downarrow\downarrow\uparrow\uparrow\downarrow\uparrow\downarrow\downarrow$	105	$\downarrow\uparrow\uparrow\downarrow\uparrow\downarrow\uparrow\downarrow$	169	$\downarrow\uparrow\uparrow\uparrow\downarrow\uparrow\downarrow\downarrow$	233								
$\downarrow\downarrow\downarrow\uparrow\downarrow\uparrow\downarrow\uparrow$	43	$\downarrow\downarrow\uparrow\uparrow\downarrow\uparrow\downarrow\uparrow$	107	$\downarrow\uparrow\uparrow\downarrow\uparrow\downarrow\uparrow\uparrow$	171	$\downarrow\uparrow\uparrow\uparrow\downarrow\uparrow\downarrow\uparrow$	235								
$\downarrow\downarrow\downarrow\uparrow\downarrow\uparrow\uparrow\downarrow$	45	$\downarrow\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\downarrow$	109	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\downarrow\downarrow$	173	$\downarrow\uparrow\uparrow\uparrow\downarrow\uparrow\uparrow\downarrow$	237								
$\downarrow\downarrow\downarrow\uparrow\downarrow\uparrow\uparrow\uparrow$	47	$\downarrow\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\uparrow$	111	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\uparrow\uparrow$	175	$\downarrow\uparrow\uparrow\uparrow\downarrow\uparrow\uparrow\uparrow$	239								
$\downarrow\downarrow\downarrow\uparrow\uparrow\downarrow\downarrow\downarrow$	49	$\downarrow\downarrow\uparrow\uparrow\uparrow\downarrow\downarrow\downarrow$	113	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\downarrow\downarrow$	177	$\downarrow\uparrow\uparrow\uparrow\uparrow\downarrow\downarrow\downarrow$	241								
$\downarrow\downarrow\downarrow\uparrow\uparrow\downarrow\downarrow\uparrow$	51	$\downarrow\downarrow\uparrow\uparrow\uparrow\downarrow\downarrow\uparrow$	115	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\downarrow\uparrow$	179	$\downarrow\uparrow\uparrow\uparrow\uparrow\downarrow\downarrow\uparrow$	243								
$\downarrow\downarrow\downarrow\uparrow\uparrow\downarrow\uparrow\downarrow$	53	$\downarrow\downarrow\uparrow\uparrow\uparrow\downarrow\uparrow\downarrow$	117	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\downarrow\uparrow$	181	$\downarrow\uparrow\uparrow\uparrow\uparrow\downarrow\uparrow\downarrow$	245								
$\downarrow\downarrow\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow$	55	$\downarrow\downarrow\uparrow\uparrow\uparrow\downarrow\uparrow\uparrow$	119	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\downarrow\uparrow$	183	$\downarrow\uparrow\uparrow\uparrow\uparrow\downarrow\uparrow\uparrow$	247								
$\downarrow\downarrow\downarrow\uparrow\uparrow\uparrow\downarrow\downarrow$	57	$\downarrow\downarrow\uparrow\uparrow\uparrow\uparrow\downarrow\downarrow$	121	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\uparrow\downarrow$	185	$\downarrow\uparrow\uparrow\uparrow\uparrow\uparrow\downarrow\downarrow$	249								
$\downarrow\downarrow\downarrow\uparrow\uparrow\uparrow\downarrow\uparrow$	59	$\downarrow\downarrow\uparrow\uparrow\uparrow\uparrow\downarrow\uparrow$	123	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\uparrow\downarrow$	187	$\downarrow\uparrow\uparrow\uparrow\uparrow\uparrow\downarrow\uparrow$	251								
$\downarrow\downarrow\downarrow\uparrow\uparrow\uparrow\uparrow\downarrow$	61	$\downarrow\downarrow\uparrow\uparrow\uparrow\uparrow\uparrow\downarrow$	125	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\uparrow\uparrow$	189	$\downarrow\uparrow\uparrow\uparrow\uparrow\uparrow\uparrow\downarrow$	253								
$\downarrow\downarrow\downarrow\uparrow\uparrow\uparrow\uparrow\uparrow$	63	$\downarrow\downarrow\uparrow\uparrow\uparrow\uparrow\uparrow\uparrow$	127	$\downarrow\uparrow\uparrow\downarrow\uparrow\uparrow\uparrow\uparrow$	191	$\downarrow\uparrow\uparrow\uparrow\uparrow\uparrow\uparrow\uparrow$	255								

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ADDRESS SETTINGS TABLE (CONTINUED)

DIP Switch # and Setting		Start Chan	DIP Switch # and Setting		Start Chan	DIP Switch # and Setting		Start Chan			
3	4		5	6		7	8		9	10	
⬇⬇⬇⬇⬇⬇⬇⬇		257	⬇⬇⬇⬇⬇⬇⬇⬇		321	⬇⬇⬇⬇⬇⬇⬇⬇		385	⬇⬇⬇⬇⬇⬇⬇⬇		449
⬇⬇⬇⬇⬇⬇⬇⬇		259	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	323	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	387	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	451
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	261	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	325	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	389	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	453
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	263	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	327	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	391	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	455
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	265	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	329	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	393	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	457
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	267	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	331	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	395	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	459
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	269	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	333	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	397	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	461
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	271	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	335	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	399	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	463
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	273	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	337	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	401	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	465
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	275	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	339	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	403	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	467
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	277	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	341	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	405	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	469
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	279	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	343	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	407	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	471
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	281	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	345	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	409	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	473
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	283	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	347	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	411	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	475
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	285	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	349	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	413	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	477
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	287	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	351	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	415	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	479
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	289	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	353	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	417	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	481
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	291	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	355	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	419	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	483
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	293	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	357	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	421	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	485
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	295	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	359	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	423	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	487
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	297	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	361	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	425	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	489
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	299	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	363	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	427	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	491
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	301	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	365	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	429	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	493
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	303	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	367	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	431	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	495
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	305	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	369	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	433	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	497
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	307	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	371	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	435	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	499
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	309	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	373	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	437	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	501
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	311	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	375	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	439	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	503
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	313	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	377	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	441	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	505
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	315	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	379	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	443	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	507
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	317	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	381	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	445	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	509
⬇⬇⬇⬇⬇⬇⬇⬇	⬇	319	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	383	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	447	⬇⬇⬇⬇⬇⬇⬇⬇	⬇	511