

# SOLIDYNE UNIDEX UX24

## CABLES Y ADAPTADORES

Extremo A	LONGITUD (mts)	Extremo B	CONEXIÓN EN UX24			DESCRIPCIÓN	CÓDIGO	UDX KIT (v1.0)		
			ENTRADA BALANCEADA	SALIDA BALANCEADA	SALIDA NO-BALANCEADA			UDX-NEW	UDX-COMPATIBLE	UDX-CUSTOM
J45 macho	5	RJ45 macho	✓	✓	✓	Patch STP CAT5 para audio 5 metros	SOL-P50	2	2	
RJ45 macho	2,5	RJ45 macho	✓	✓	✓	Patch STP CAT5 para audio 2,5 metros	SOL-P25	2	2	
RJ45 macho	2,5	1 x XLR hembra	✓	✗	✗	Cable balanceado mono para micrófono.	SOL-M25/1XLRF	4	-	
RJ45 macho	2,5	2 x XLR macho	✗	✓	✓	Salidas de consola a XLR	SOL-M25/XLRM	2	-	
RJ45 macho	2,5	2 x XLR hembra	✓	✗	✗	Entradas a consola balanceadas	SOL-M25/XLRF	2	-	
RJ45 macho	2,5	2 x RCA macho	✓	✗	✗	Entradas a consola desbalanceado RCA	SOL-M25/RCAM	2	-	
RJ45 macho	2,5	2 x TRS 1/4"	✓	✓	✓	Entradas/salidas a plug TRS.	SOL-F25/TRSM	2	-	
RJ45 macho	1,2	1 x XLR hembra	✓	✗	✗	Cable balanceado mono para micrófono.	SOL-M12/1XLRF	-	4	
RJ45 macho	1,2	Minijack estéreo	✗	✓	✓	Salida estéreo desbalanceada a minijack (parlantes externos CUE, placas on-board, etc). No se recomienda para conectar entradas balanceadas pues deja en el aire el pin de señal "-"	SOL-M12/minijack	1	1	
RJ45 macho	1,2	2 x XLR macho	✗	✓	✓	Salidas balanceadas de la consola	SOL-M12/XLRM	-	2	
RJ45 macho	1,2	2 x XLR hembra	✓	✗	✗	Entradas balanceadas de la consola a XLR.	SOL-M12/XLRF	-	2	
RJ45 macho	1,2	2 x TRS hembra 1/4"	✓	✓	✓	Entradas/salidas balanceadas de la consola a Jack 1/4" (TRS hembra). <u>Solo en las entradas:</u> se puede desbalancear con adaptador <i>plug mono</i> → RCA hembra.	SOL-M12/TRSF	-	4	
RJ45 macho	1,2	TRS 1/4" hembra	✓	✗	✗	Adaptador desbalanceado jack estéreo "TRS hembra"	SOL-F12/1TRSF	-	-	
RJ45 hembra	0,3	1 XLR macho	✗	✓	✗	Adaptador a XLR para salida de consola AES. Se usa combinado con patch SOL-P25 o SOL-P50	SOL-F3/1XLRF	1	-	
RJ45 hembra	0,3	1 XLR hembra	✓	✗	✗	Adaptador a XLR para entrada de consola AES. Se usa combinado con patch SOL-P25 o SOL-P50	SOL-F3/1XLRM	1	-	
RJ45 hembra	0,3	2 x TRS 1/4"	✓	✓	✓	Adaptador RJ45 a dos TRS balanceados. Se usa combinado con patch SOL-P25 o SOL-P50	SOL-F3/TRSM	-	-	
RJ45 hembra	0,3	2 x RCA macho	✓	✗	✗	Adaptador desbalanceado a RCA macho estéreo. Se usa combinado con patch SOL-P25 o SOL-P50	SOL-F3/RCAM	-	-	
RJ45 hembra	0,3	2 x TRS macho	✓	✓	✓	Adaptador entradas/salidas balanceada con TRS. Se usa combinado con patch SOL-P25 o SOL-P50	SOL-F3/TRSM	-	-	

RJ45 hembra	0,3	TRS 1/8"	⊘	✓	✓	Adaptador salida balanceada a miniplug estéreo desbalanceado. Se usa combinado con patch SOL-P25 o SOL-P50	SOL-F3/MINIM	-	-
RJ45 macho	1,8	RJ45 macho	⊘	⊘	⊘	Patch ethernet (de color distinto a cables de audio)	-	1	1
D15	-	-	⊘	⊘	⊘	Conector D15 (sin cables) para GPIO	-	1	1
Adaptador	-	-	✓	⊘	⊘	Adaptador TRS 1/4" mono a RCA hembra. Para desbalancear a RCA el cable SOL-12/TRSF. <b>NO usar para conectar salidas.</b>	-	-	4
RJ45 hembra	-	bornes	✓	✓	✓	Caja conexión a bornes, para conexiones especiales	SOL-F0/8TER	1	1

## REFERENCIAS

– La columna “UDX KIT” detalla los tres conjuntos de cables disponibles para UX24.

1. **KIT UDX-NEW** es para **nuevas instalaciones**. Es recomendada para instalación profesional de cableado estructurado en estudios de radio modernos. La mayoría de los cables están pensados con longitudes que permitan llegar desde la consola al dispositivo.
2. **SET UDX-COMPATIBLE** es para **radios que ya tienen una consola instalada** y desean reutilizar todo o parte del cableado existente. Sólo para instalaciones analógicas bien realizadas.
3. **SET UDX-CUSTOM** es un **set de cables personalizado** por el usuario. Para realizar el pedido, anotar las cantidades requeridas agregando anotaciones a este PDF y enviarlo al representante Solidyne que corresponda. Puede consultar los precios en [solidynepro.com](http://solidynepro.com) productos→accesorios

– La columna “CONEXIÓN EN UX24” indica la compatibilidad del cable sobre las distintas entradas y salidas de la consola.

## NOMENCLATURA

Los códigos de los cables fabricados por Solidyne se componen del siguiente modo:

### SOL-XL/C

**SOL** =Nombre del fabricante (Solidyne)

**X** = **P** = Patch (2 x RJ45 male)  
**M** = Male (RJ45 macho)  
**F** = Female (RJ45 hembra)

**L** = Longitud en decímetros

**C** = Conector en extremo del cable opuesto a la consola

## EJEMPLOS

XLRF = 2 conectores XLR hembra balanceados  
 XLRM = 2 conectores XLR macho balanceados  
 1XLRF = 1 conector XLR hembra balanceado  
 TRSM = 2 Plugs de 6,35 mm TRS balanceados  
 1TRSM = 1 plug TRS desbalanceado estéreo  
 TRSF = 2 Jacks 6,35 mm balanceados  
 RCAM = 2 conectores RCA macho (L y R)

## CABLES PREDETERMINADOS

– Cada **ADAPTADOR EXTERNO UNIDEX (UDX)** se entrega con sus cables patch **SOL-P25**, excepto los UDX-2MIC que se entregan con cables **SOL-P50**.

– Los Distribuidores de Auriculares Studio BOX modelos **HD3** y **HD5** se entregan con cable de 5 metros **SOL-P50**.

– La **consola UX24** se entrega de fábrica con los siguientes cables:

- 1 Cable de conexión para salida STUDIO (auriculares y parlantes del Estudio).
- 1 Cable de alimentación Interlock
- 1 Cable USB tipo A-B
- 1 Cable Ethernet

# SOLIDYNE UNIDEX UX24

## CABLES AND ADAPTERS

END A	LENGTH (mts)	END B	CONNECTION AT UX24			DESCRIPTION	CODE	UDX KIT (V1.0)		
			BALANCED INPUTS	BALANCED OUTPUTS	UNBALANCED OUTPUTS			UDX-NEW	UDX-COMPATIBLE	UDX-CUSTOM
RJ45 male	5	RJ45 male	✓	✓	UNBALANCED	STP CAT5 RJ45 audio patch	SOL-P50	2	2	
RJ45 male	2,5	RJ45 male	✓	✓	✓	STP CAT5 RJ45 audio patch	SOL-P25	2	2	
RJ45 male	2,5	1 x XLR female	✓	✗	✗	Mono balanced wire for microphone	SOL-M25/1XLRF	4	-	
RJ45 male	2,5	2 x XLR male	✗	✓	✓	UX-24's balanced outputs to XLR	SOL-M25/XLRM	2	-	
RJ45 male	2,5	2 x XLR female	✓	✗	✗	UX-24's balanced inputs to XLR	SOL-M25/XLRF	2	-	
RJ45 male	2,5	2 x RCA male	✓	✗	✗	UX-24's unbalanced inputs to RCA	SOL-M25/RCAM	2	-	
RJ45 male	2,5	2 x TRS 1/4"	✓	✓	✓	UX-24's inputs/outputs to TRS plug	SOL-F25/TRSM	2	-	
RJ45 male	1,2	1 x XLR female	✓	✗	✗	Mono balanced wire for microphone	SOL-M12/1XLRF	-	4	
RJ45 male	1,2	Minijack stereo	✗	✓	✓	Stereo outputs to minijack (external CUE speakers, on-board soundcards). It's not recommended to use on balanced inputs, due to it leaves the negative signal unconnected	SOL-M12/minijack	1	1	
RJ45 male	1,2	2 x XLR male	✗	✓	✓	UX-24's balanced outputs	SOL-M12/XLRM	-	2	
RJ45 male	1,2	2 x XLR female	✓	✗	✗	UX-24's balanced inputs to XLR	SOL-M12/XLRF	-	2	
RJ45 male	1,2	2 x TRS female 1/4"	✓	✓	✓	UX-24's balanced inputs/outputs to Jack 1/4". <u>Only for inputs:</u> it can be unbalanced using a <i>mono-plug to female RCA</i> .	SOL-M12/TRSF	-	4	
RJ45 male	1,2	TRS 1/4" female	✓	✗	✗	Unbalanced stereo jack adapter.	SOL-F12/1TRSF	-	-	
RJ45 female	0,3	1 XLR male	✗	✓	✗	XLR adapter to UX-24's AES outputs. It is used with a patch SOL-P25 or SOL-P50	SOL-F3/1XLRF	1	-	
RJ45 female	0,3	1 XLR female	✓	✗	✗	XLR adapter to UX-24's AES inputs. It is used with a patch SOL-P25 or SOL-P50	SOL-F3/1XLRM	1	-	
RJ45 female	0,3	2 x TRS 1/4"	✓	✓	✓	RJ45 adapter to two balanced TRS. It is used with a patch SOL-P25 or SOL-P50	SOL-F3/TRSM	-	-	
RJ45 female	0,3	2 x RCA male	✓	✗	✗	Unbalanced adapter to stereo male RCA. It is used with a patch SOL-P25 or SOL-P50	SOL-F3/RCAM	-	-	
RJ45 female	0,3	2 x TRS male	✓	✓	✓	Balanced inputs/outputs adapter to two TRS. It is used with a patch SOL-P25 or SOL-P50	SOL-F3/TRSM	-	-	

RJ45 female	0,3	TRS 1/8"	⊘	✓	✓	Balanced output adapter to stereo TRS. It is used with a patch SOL-P25 or SOL-P50	SOL-F3/MINIM	-	-	
RJ45 male	1,8	RJ45 male	⊘	⊘	⊘	Patch ethernet (of different color than audio patches)	-	1	1	
D15	-	-	⊘	⊘	⊘	D15 connector (without cables) for GPIO	-	1	1	
Adapter	-	-	✓	⊘	⊘	Adapter TRS 1/4" mono to female RCA. Used to unbalance a cable SOL-12/TRSF. <b>NO USE IR TO CONNECT OUTPUTS.</b>	-	-	4	
RJ45 female	-	Terminals	✓	✓	✓	Terminals board for special or rare connectors (tubular, DIN, etc)	SOL-F0/8TER	1	1	

## REFERENCES

– The column “**UDX KIT**” show the items of each wiring kit available for UX24. The options are:

1. **KIT UDX-NEW** For new installation. Professional installation recommended for Structured Wiring in modern radio studios. Most cables lengths are made to connect the console directly to the device.
2. **SET UDX-COMPATIBLE** is for stations that currently have another console installed and want to re-use all or part of existing wiring. Only for good quality existing analog installations.
3. **CUSTOM** cable set for special installation. The customer can choose our cable wire SOL-xxxx. To make the order, note the quantities by adding comments to this PDF, and send it to your Solidyne dealer.

– The column “**CONNECTION to UX24**” indicates the compatibility of each wire with the inputs and outputs of the UNIDEX.

## CODE

The column CODE indicates the Solidyne code of the cable. Codes are conformed in the following way:

### SOL-XL/C

- SOL** = Name of manufacturer (Solidyne)  
**X** = **P** = Patch (2 x RJ45 male)  
= **M** = Male RJ45  
= **F** = Female RJ45

- L** = Length in decimeters  
**C** = Connector at the end opposite to the console

## EXAMPLES

- XLRF = 2 balanced female XLR  
XLRM = 2 balanced male XLR  
1XLRF = 1 balanced female XLR  
TRSM = 2 balanced 1/4" TRS plug  
1TRSM = 1 unbalanced stereo TRS  
TRSF = 2 balanced 1/4" Jacks  
RCAM = 2 male RCA (L and R)

## DEFAULT CABLES

– Each **UNIDEX EXTERNAL ADAPTER (UDX)** includes its **SOL-P25** patches; except the UDX-2MIC that comes with a **SOL-P50**.

– The Studio Monitoring box models **HD3** and **HD5** includes one **SOL-P50** patch.

– The **mixer console UX24** comes with the following cables:

- 1 cable for STUDIO MONITOR outputs (headphones and active speakers).
- 1 AC Interlock
- 1 USB type A-B
- 1 Ethernet