

# Laney

Concept

CT Loudspeakers  
Service Information

**A new Concept  
for a new millennium**

Part Number - SM3034

# Laney

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# Laney

## Concept CT10 Enclosure

### Technical Specification

Frequency Response	100 - 20KHz
Power Rating	80W Continuous 160W Program
Drivers	Reflex Loaded 10" bass driver & tweeter
Sensitivity	97dB/W@1M
Connectors	Two ¼ inch jack sockets
Weight	10.5kg
Dimensions	470 x 310 x 330mm
Impedance	8 Ohms
Accessories	Tri-pod Stand ,Pole stand for use with CS enclosures
Spares	41007 bass driver, 10512 tweeter



### Description

CT Loudspeakers are compact full range enclosures designed for a variety of applications such as sound reinforcement for bands, places of worship, health clubs, discotheques and DJ's.

All CT enclosures feature custom low frequency drivers and a piezo type tweeter in an optimized reflex enclosure. They are the results from extensive measurements and listening tests using a variety of live and pre-recorded material.

The CT ranges compact size, light weight and rugged carpet covered design make them perfect for mobile use.

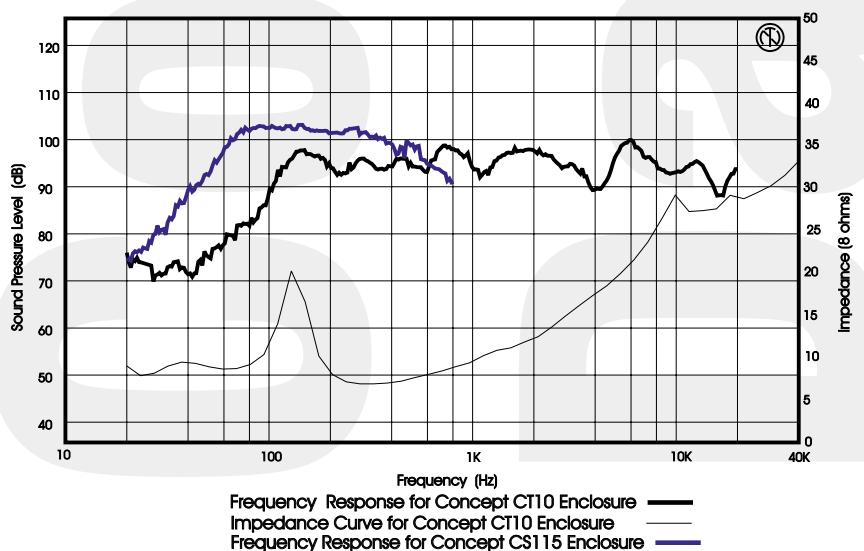
A recess handle is provided in the rear for easy transport.

Loudspeaker connection is provided by two ¼ inch Jacks. This allows an input and a link out facility to additional cabinets.

Where additional bass extension is required the CS low frequency enclosures can be added. The CS115 is an ideal partner for any of the CT range. This can be done simply by driving into the CS115 and taking the link out from the CS115 to the CT cabinets input.

A 35mm top hat is provided in the base of the loudspeaker for easy stand mounting or pole mounting above a CS loudspeaker.

The additional bass extension of a CS115 can be seen in the graph below.



# Laney

## Concept CT12 Enclosure

### Technical Specification

Frequency Response	85 - 20KHz
Power Rating	100W Continuous 200W Program
Drivers	Reflex Loaded 12" bass driver & dual horn with built in protection
Sensitivity	98dB/W@1M
Connectors	Two ¼ inch jack sockets
Weight	15kg
Dimensions	545 x 384 x 397mm
Impedance	8 Ohms
Accessories	Tri-pod Stand ,Pole stand for use with CS enclosures
Spares	41227 bass driver, 10514 tweeter



### Description

CT Loudspeakers are compact full range enclosures designed for applications such as sound reinforcement for bands, places of worship, nightclubs, discotheques and DJ's.

All CT enclosures feature custom low frequency drivers and a piezo type tweeter in an optimized reflex enclosure. They are the results from extensive measurements and listening tests using a variety of live and pre-recorded material.

The CT ranges compact size, light weight and rugged carpet covered design make them perfect for mobile use.

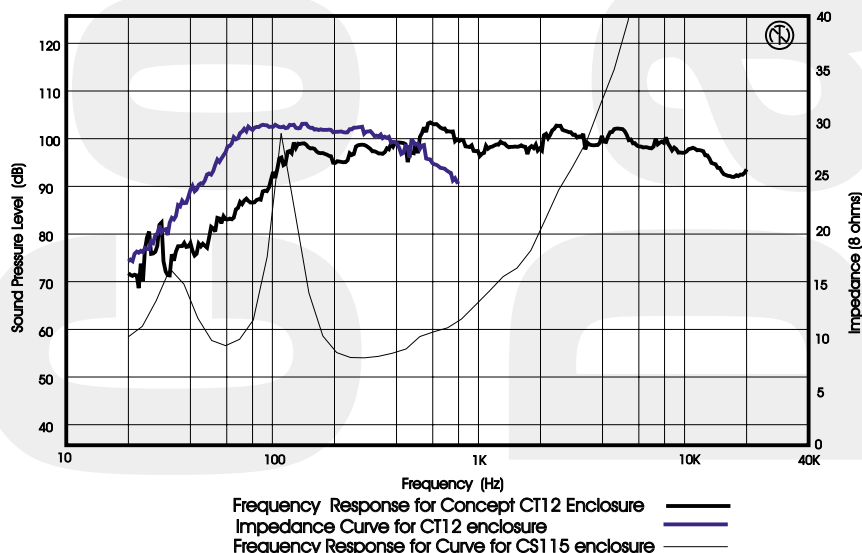
A recess handle is provided in the rear for easy transport.

Loudspeaker connection is provided by two ¼ inch Jacks. This allows an input and a link out facility to additional cabinets.

Where additional bass extension is required the CS low frequency enclosures can be added. The CS115 is an ideal partner for any of the CT range. This can be done simply by driving into the CS115 and taking the link out from the CS115 to the CT cabinets input.

A 35mm top hat is provided in the base of the loudspeaker for easy stand mounting or pole mounting above a CS loudspeaker.

The additional bass extension of a CS115 can be seen in the graph below.



# Laney

## Concept CT15 Enclosure

### Technical Specification

Frequency Response	65Hz - 18KHz
Power Rating	150W Continuous 300W Program
Drivers	Reflex Loaded 15" bass driver & dual driver high frequency horn
Sensitivity	98dB/W@1M
Connectors	Two ¼ inch jack sockets
Weight	20kg
Dimensions	637 x 444 x 463mm
Impedance	8 Ohms
Accessories	Tri-pod ,Pole stand for
Spares	Use with CS enclosures 41521 bass driver , 10514 tweeter



### Description

CT Loudspeakers are compact full range enclosures designed for a variety of applications such as sound reinforcement for bands, places of worship, health clubs, discotheques and DJ's.

All CT enclosures feature custom low frequency drivers and a piezo type tweeter in an optimized reflex enclosure. They are the results from extensive measurements and listening tests using a variety of live and pre-recorded material.

The CT ranges compact size, light weight and rugged carpet covered design make them perfect for mobile use.

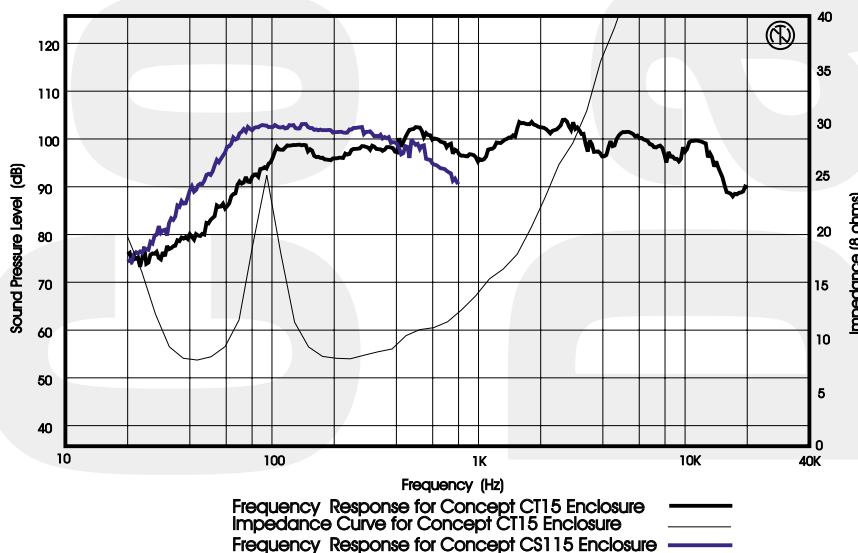
A recess handle is provided in the rear for easy transport.

Loudspeaker connection is provided by two ¼ inch Jacks. This allows an input and a link out facility to additional cabinets.

Where additional bass extension is required the CS low frequency enclosures can be added. The CS115 is an ideal partner for any of the CT range. This can be done simply by driving into the CS115 and taking the link out from the CS115 to the CT cabinets input.

A 35mm top hat is provided in the base of the loudspeaker for easy stand mounting or pole mounting above a CS loudspeaker.

The additional bass extension of a CS115 can be seen in the graph below.



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## Concept CT815 Enclosure

### Technical Specification

Frequency Response	65Hz - 18KHz
Power Rating	250W Continuous 500W Program
Drivers	Reflex Loaded 15" bass driver, sealed 8" mid driver & dual driver high frequency horn
Sensitivity	99dB/W@1M
Connectors	Two ¼ inch jack sockets
Weight	24Kg
Dimensions	715 x 444 x 463mm
Impedance	8 Ohms
Accessories	Tri-pod stand ,Pole stand use With CS enclosures.
Spares	41504 bass driver ,40801 mid driver , 10514 tweeter



### Description

CT Loudspeakers are compact full range enclosures designed for a variety of applications such as sound reinforcement for bands, places of worship, health clubs, discotheques and DJ's.

All CT enclosures feature custom low frequency drivers and a piezo type tweeter in an optimized reflex enclosure. They are the results from extensive measurements and listening tests using a variety of live and pre-recorded material.

The CT ranges compact size, light weight and rugged carpet covered design make them perfect for mobile use.

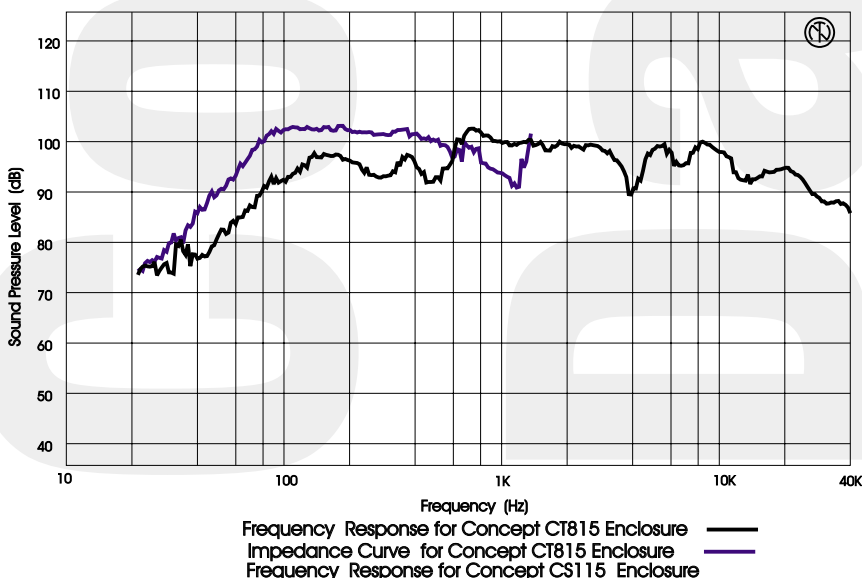
A recess handle is provided in the rear for easy transport.

Loudspeaker connection is provided by two ¼ inch Jacks. This allows an input and a link out facility to additional cabinets.

Where additional bass extension is required the CS low frequency enclosures can be added. The CS115 is an ideal partner for any of the CT range. This can be done simply by driving into the CS115 and taking the link out from the CS115 to the CT cabinets input.

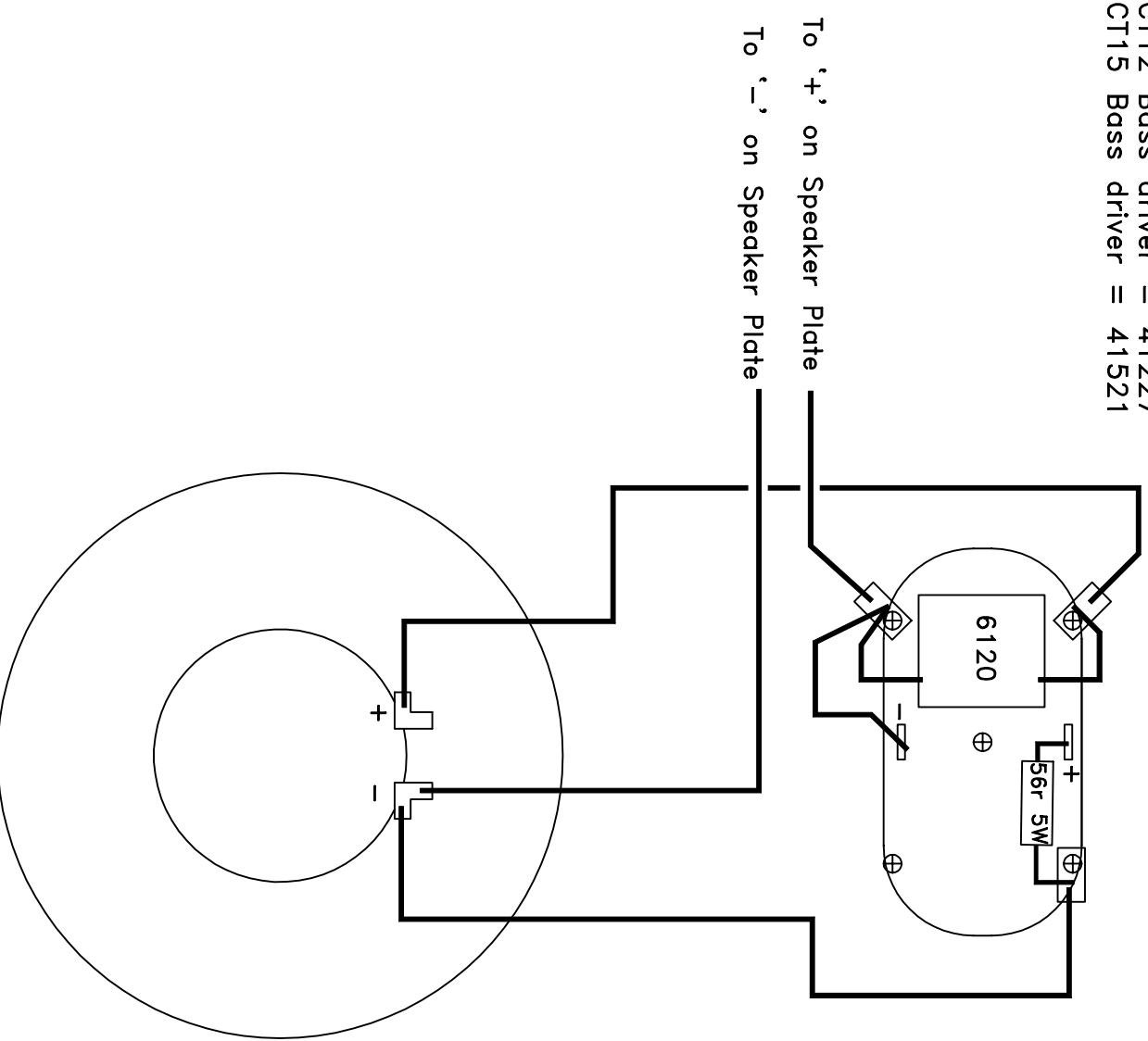
A 35mm top hat is provided in the base of the loudspeaker for easy stand mounting or pole mounting above a CS loudspeaker.

The additional bass extension of a CS115 can be seen in the graph below.



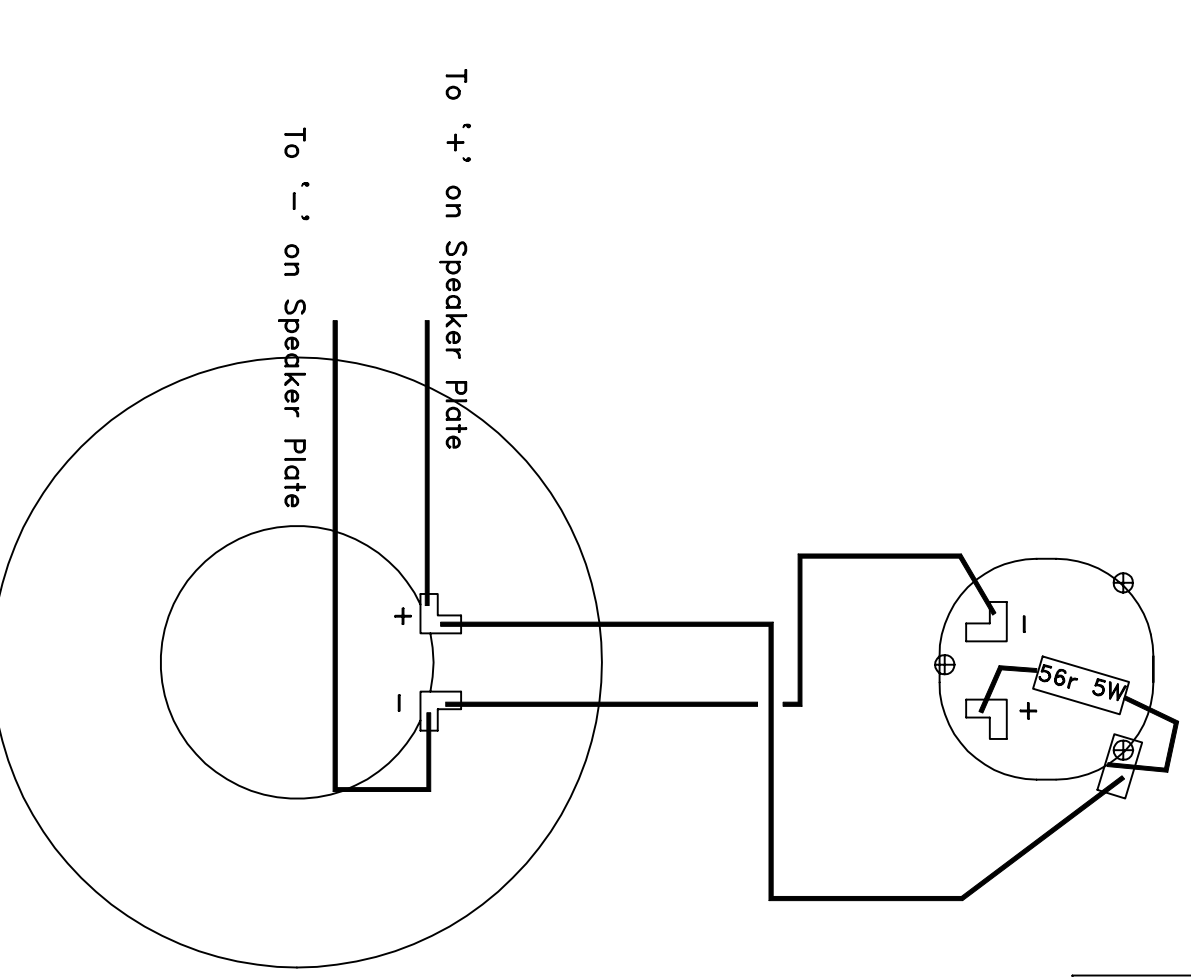
Wiring Information for CT12 and CT15 Loudspeakers

CT12 Bass driver = 41227  
CT15 Bass driver = 41521



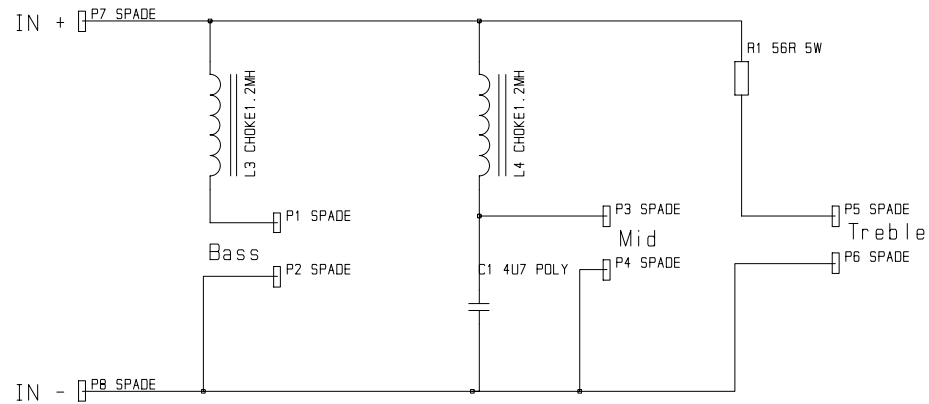
Wiring Information for CT10 Loudspeaker

CT10 Bass driver = 41007



ISSUE	DESCRIPTION	APPD.	DATE	TITLE	DRAWN	TRACED	CHECKED	APPROVED	DATE
2	CT12 / 15 ,56R position changed	R.J.F	15/11/99	Wiring Details CT12 , CT15 and CT10 PART No	RJF				15/9/99
					DRAWING No.				3006





DRAWN	R. J. F
DATE	13/07/99
TITLE	3 Way Crossover
DRG. NO.	PCB 9325

ISSUE								
TYPE								



## Assembly List for Concept 10 (CT10US)

Stock Code	Description	Quantity
1707	56R 5W RESISTOR	1
10004	MONO JACK SOCKET	2
10055	PLASTIC CABINET FOOT	4
10057	SMALL LANEY BADGE	1
10107	SMALL INSERT HANDLE	1
10200	M5 x 10mm TEENUT	4
10204	5mm X 25mm PAN POZI	4
10205	NO.8 X 5/8" ROUND	4
10206	6*5/8 FLANGE POZI AB	4
10207	NO.6 X 5/8" CSK POZI	8
10224	35mm FINISHED NAILS	35
10225	STAPLES 97/12	6
10231	No8x1/2" FLANGE POZI	24
10240	10 * 1 CSK POZI	4
10243	NO4*1/2 TYPE B CSK	2
10244	FLAT SPIRE CLIP	2
10256	8*1 FLANGE POZI	4
10301	18mm CHIPBOARD	0
10512	J44 HORN KSN1005A	1
10600	32/18 STAPLES	12
10621	POLY. BAG 30(0) X 36	1
10646	35mm METAL TOP HAT	1
10656	LABEL (TWIN RECESS)	2
41007	INVADER 10P708	1
541004	HC25/50 4.8 FASTON	5
541053	1/4" LG RECEPTACLE	1
541055	90~ TWIN FASTON TAB	1
8G-CT10	GRILL CT10	1
10326	M4005 BLACK CARPET	0
10448	CARTON CT10	1
10039	PENN CORNER C1839K	4
10113	M1530 PORT	1
10044	C1823K CORNER	4
10940	CT MANUAL	1
10054	NEW TWIN RECESS	1

## Assembly List for Concept 12 (CT12US)

Stock Code	Description	Quantity
1707	56R 5W RESISTOR	1
10004	MONO JACK SOCKET	2
10054	NEW TWIN RECESS	1
10055	PLASTIC CABINET FOOT	4
10057	SMALL LANEY BADGE	1
10107	SMALL INSERT HANDLE	1
10200	M5 x 10mm TEENUT	4
10204	5mm X 25mm PAN POZI	4
10205	NO.8 X 5/8" ROUND	4
10206	6*5/8 FLANGE POZI AB	6
10207	NO.6 X 5/8" CSK POZI	8
10224	35mm FINISHED NAILS	35
10225	STAPLES 97/12	6
10231	No8x1/2" FLANGE POZI	24
10240	10 * 1 CSK POZI	4
10243	NO4*1/2 TYPE B CSK	2
10244	FLAT SPIRE CLIP	2
10256	8*1 FLANGE POZI	4
10301	18mm CHIPBOARD	0
10514	HORN 2 SEGMENT	1
10600	32/18 STAPLES	12
10646	35mm METAL TOP HAT	1
10656	LABEL (TWIN RECESS)	2
41227	CT12 LOUDSPEAKER	1
541004	HC25/50 4.8 FASTON	5
541053	1/4" LG RECEPTACLE	2
541055	90~ TWIN FASTON TAB	2
8G-CT12	GRILL CT12	1
8T-6120	3.3UH CHOKE (DB)	1
10326	M4005 BLACK CARPET	0
10451	CARTON CT12	1
10039	PENN CORNER C1839K	4
10113	M1530 PORT	2
10044	C1823K CORNER	4
10940	CT MANUAL	1
5020	CCX TIE WRAP	1

## Assembly List for Concept 15 (CT15US)

Stock Code	Description	Quantity
1707	56R 5W RESISTOR	1
10004	MONO JACK SOCKET	2
10054	NEW TWIN RECESS	1
10055	PLASTIC CABINET FOOT	4
10057	SMALL LANEY BADGE	1
10107	SMALL INSERT HANDLE	1
10200	M5 x 10mm TEENUT	4
10204	5mm X 25mm PAN POZI	43
10205	NO.8 X 5/8" ROUND	4
10206	6*5/8 FLANGE POZI AB	6
10207	NO.6 X 5/8" CSK POZI	8
10224	35mm FINISHED NAILS	35
10225	STAPLES 97/12	6
10231	No8x1/2" FLANGE POZI	24
10240	10 * 1 CSK POZI	4
10243	NO4*1/2 TYPE B CSK	2
10244	FLAT SPIRE CLIP	2
10256	8*1 FLANGE POZI	4
10301	18mm CHIPBOARD	0
10514	HORN 2 SEGMENT	1
10600	32/18 STAPLES	12
10646	35mm METAL TOP HAT	1
10656	LABEL (TWIN RECESS)	2
41521	CT15 LOUDSPEAKER	1
541004	HC25/50 4.8 FASTON	5
541053	1/4" LG RECEPTACLE	2
541055	90~ TWIN FASTON TAB	2
8G-CT12	GRILL CT12	1
8T-6120	3.3UH CHOKE (DB)	1
10326	M4005 BLACK CARPET	1
10450	CARTON CT15	1
10039	PENN CORNER C1839K	4
10113	M1530 PORT	2
10044	C1823K CORNER	4
10940	CT MANUAL	1
5020	CCX TIE WRAP	1

## Assembly List for Concept 815 (CT815US)

Stock Code	Description	Quantity
6339	9325/CT815 X'VER	1
10054	NEW TWIN RECESS	1
10055	PLASTIC CABINET FOOT	4
10056	LARGE LANEY BADGE	1
10107	SMALL INSERT HANDLE	2
10200	M5 x 10mm TEENUT	8
10204	5mm X 25mm PAN POZI	8
10205	NO.8 X 5/8" ROUND	4
10206	6*5/8 FLANGE POZI AB	6
10224	35mm FINISHED NAILS	35
10225	STAPLES 97/12	8
10231	No8x1/2" FLANGE POZI	24
10240	10 * 1 CSK POZI	4
10243	NO4*1/2 TYPE B CSK	2
10244	FLAT SPIRE CLIP	2
10256	8*1 FLANGE POZI	4
10301	18mm CHIPBOARD	0
10314	18mm MDF	0
10514	HORN 2 SEGMENT	1
10600	32/18 STAPLES	12
10629	MASKING TAPE 1.5"	3
10646	35mm METAL TOP HAT	1
10656	LABEL (TWIN RECESS)	2
40801	NEW 8" MIDI DRIVER	1
41504	INVADER 15P2008	1
541004	HC25/50 4.8 FASTON	6
541053	1/4" LG RECEPTACLE	6
8G-CT815	GRILL CT815	1
10326	M4005 BLACK CARPET	1
10449	CARTON CT815	1
10039	PENN CORNER C1839K	4
10113	M1530 PORT	2
10044	C1823K CORNER	4

## Assembly List for CT815 Crossover (0063389)

Stock Code	Description	Quantity
2435	4.7UF 250V AXIAL	1
1707	56R 5W RESISTOR	1
5040	LF CHOKE	2
5020	CCX TIE WRAP	2
5038	1/4" SPADE TERMINAL	8
5688	SRS 8-10-01	4
9325	CT815 3 WAY X'VER	1

# Concept

## Laney

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