



# PatapSCO's Liberator "S" "C" & "Q" Order Information

## How to build a Liberator "S"

1. Choose the chassis type you need.
2. If you need PRIs (Primary Rate or ISDN-30), select the number, noting which can be field-upgraded later.
3. If you need BRIs (Basic Rate or ISDN-2), select the number, noting which can be field-upgraded later.
4. Or, instead of the above, can you use one of the Special Packages which come complete as described so ignore points 1, 2, 3 and 5?
5. If you need TE BRIs (these ports connect to the network and "look" like a user), you will need the software option for TE BRIs.
6. Do you need a rack-mount kit?
7. Do you need [Power Feed](#) for and BRI NT ports? If the attached ISDN device has its own PSU you do not need this. Generally only used for non-powered handsets.
8. Select the cable pack you need.
9. Are you happy with the free Dblite or do you want the full version?
10. Select the [Support](#) options you need – choose one item.

## Liberator "S" ISDN Conversion/Sharing products

Part Number

### Liberator "S" Chassis

Liberator "S" base with internal AC PSU.	3050/CHA/1
Liberator "S" base with 48VDC supply	3050/CHA/48V
Liberator "S" base with 24VDC supply	3050/CHA/24V

### Liberator "S" PRI Options

Single PRI with a further PRI for field upgrade (user selectable TE/NT*). User-select all ports E1 or T1	3050/PRI1/U
Two PRIs with 2 further PRIs for field upgrade (user selectable TE/NT*). User-select all ports E1 or T1	3050/PRI2/U
Two PRIs (user selectable TE/NT*). User-select all ports E1 or T1	3050/PRI2/N
Three PRIs with 1 further PRI for field upgrade (user selectable TE/NT*). User-select all ports E1 or T1	3050/PRI3/U
Four PRIs (user selectable TE/NT*). User-select all ports E1 or T1	3050/PRI4

### PRI field upgrades

Software upgrade from a single upgradeable PRI unit to a 3050/PRI2/N	3050/U1/2N
Software upgrade from a dual-port PRI unit to a 3050/PRI3/U	3050/U2/3
Software upgrade from a dual-port PRI unit to a 3050/PRI4	3050/U2/4
Software upgrade from a triple port PRI unit to a 3050/PRI4	3050/U3/4

### Liberator "S" BRI options

4 BRI ports (non-upgradeable). NT but optionally switchable NT/TE (order 3050/BRI/TE)	3050/BRI4
8 BRI ports (non-upgradeable). NT but optionally switchable NT/TE (order 3050/BRI/TE)	3050/BRI8
12 BRI ports (non-upgradeable). NT but optionally switchable NT/TE (order 3050/BRI/TE)	3050/BRI12
16 BRI ports (non-upgradeable). NT but optionally switchable NT/TE (order 3050/BRI/TE)	3050/BRI16
4 BRI ports enabled field-upgradeable to 8. NT but optionally switchable NT/TE (order 3050/BRI/TE)	3050/BRI4U8
8 BRI ports enabled field-upgradeable to 16. NT but optionally switchable NT/TE (order 3050/BRI/TE)	3050/BRI8U16

### BRI field upgrades

Field upgrade 3050/BRI4U8/1 to 3050/BRI8/1	3050/BRI4U/UP8
Field upgrade 3050/BRI8U16/1 to 3050/BRI16/1	3050/BRI8U/UP16

\* NT simulates a network and connects to a local device; TE acts like a local device and connects to the ISDN network.

### Special Liberator "S" Packages

Liberator (AC PSU) complete with 1 (non-upgradeable) PRI and 4 BRI ports (NT only).	3050/1P4B/NT
Liberator (AC PSU) complete with 1 (non-upgradeable) PRI and 8 BRI ports (NT only).	3050/1P8B/NT
Liberator (AC PSU) complete with 1 (non-upgradeable) PRI and 12 BRI ports (NT only).	3050/1P12B/NT
Liberator (AC PSU) complete with 1 (non-upgradeable) PRI and 16 BRI ports (NT only).	3050/1P16B/NT
Liberator (AC PSU) complete with 2 (non-upgradeable) PRIs and 4 BRI ports (NT only).	3050/2P4B/NT
Liberator (AC PSU) complete with 3 (non-upgradeable) PRIs zero BRI ports	3050/3POB

### Software options

Software option to enable configuration of TE BRI ports	3050/BRI/TE
Software option for E1/T1 PRI conversion facility. Supports simultaneous E1s T1s and A-law/u-law conversion	3050/E1T1/Con
"Call Deflection" support	3050/CDF/01



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## Hardware options

19" rack-mount extender kit.	3050/RMK/1
Power Feed option for up to 4 BRI NT ports. Factory-fit.	3050/BRI4/PF
Power Feed option for up to 8 BRI NT ports. Factory-fit.	3050/BRI8/PF
Power Feed option for up to 12 BRI NT ports. Factory-fit.	3050/BRI12/PF
Power Feed option for up to 16 BRI NT ports. Factory-fit.	3050/BRI16/PF
Power Failure Relay Protection for 4 pairs of BRI ports (4xNT 4xTE)	3050/PFRP/4

## Liberator "S" Cable Packs

Cable pack for 1 PRI port (1 crossed 1 straight)	LIB/CPACK/1P
Cable pack for 2 PRI ports (2 crossed 2 straight)	LIB/CPACK/2P
Cable pack for 4 PRI ports (4 crossed 4 straight)	LIN/CPACK/4P
CP for Liberators with 4 NT BRIs	LIB/CPACK/4
CP for Liberators with 4 TE BRIs (crossed)	LIB/CPACK/4X
CP for Liberators with 8 NT BRIs	LIB/CPACK/8
CP for Liberators with 8 TE BRIs (crossed)	LIB/CPACK/8X
CP for Liberators with 12 NT BRIs	LIB/CPACK/12
CP for Liberators with 12 TE BRIs (crossed)	LIB/CPACK/12X
CP for Liberators with 16 NT BRIs	LIB/CPACK/16
CP for Liberators with 16 TE BRIs (crossed)	LIB/CPACK/16X
Serial controller cable only	PB/cont

## DbManager

Serial/LAN single device GUI. Larger systems should consider options below.	DBM/LITE
Single work-station DbManager with visibility/connectivity to 4 units.	DBM/1/4
Single work-station DbManager with visibility/connectivity to 10 units.	DBM/1/10
Other options are available. Please call.	

**Telephone Support, Technical Support & Software Updates for Product & DbManager see "Patapsco Service & Support Options" document.**

## Mandatory first year Agreement for Telephone & Technical Support & Software Updates for Product & DbManager

Mandatory first year Agreement. Telephone & Technical Support. Software Updates for Product & DbManager. 1-10 units installed price per unit	LIBS/1ATS/1
Mandatory first year Agreement. Telephone & Technical Support. Software Updates for Product & DbManager. 11-50 units installed price per unit	LIBS/1ATS/11

## Optional Life Time Agreement for Telephone & Technical Support & Software Updates for Product & DbManager

Optional Life-Time Agreement. Telephone & Technical Support, Software Updates for Product & DbManager. 1-10 units installed price per unit	LIBS/LTS/1
Optional Life-Time Agreement. Telephone & Technical Support, Software Updates for Product & DbManager. 11-50 units installed price per unit	LIBS/LTS/11

## Optional On-Going (year 2 onwards) Annual Agreement for Telephone Support, Technical Support & Software Updates for Product and DbManager

Optional On-Going Support Agreement. Telephone & Technical Support, Software Updates for Product & DbManager. 1-10 units installed price per unit	LIBS/OATS/1
Optional On-Going Support Agreement. Telephone & Technical Support, Software Updates for Product & DbManager. 11-50 units installed price per unit	LIBS/OATS/11

## Non-contracted Telephone & Technical Support in Telephone Support Units (TSUs)

Non-contracted Telephone & Technical Support Units. 3 TSUs (each 20 minutes)	LIBS/TSU3
Non-contracted Telephone & Technical Support Units. 6 TSUs (each 20 minutes)	LIBS/TSU6
Non-contracted Telephone & Technical Support Units. 12 TSUs (each 20 minutes)	LIBS/TSU12
Non-contracted Telephone & Technical Support Units. 24 TSUs (each 20 minutes)	LIBS/TSU24

## Non-contracted Software Updates for Product and DbManager

Non-contracted Software Updates for Product and DbManager.	LIBS/SU/1
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# Patapsco's Liberator "S" "C" & "Q" Order Information

## Patapsco's Liberator "C"

Part Number

### Hardware Packages

2-port NT-only E1/T1 PRI stand-alone switch with A-Law/u-Law conversion	LIBC-NT-2ET
2-port NT/TE E1/T1 PRI stand-alone switch with A-Law/u-Law conversion	LIBC-SW-2ET
4-port NT-only E1/T1 PRI stand-alone switch with A-Law/u-Law conversion	LIBC-NT-4ET
4-port NT/TE E1/T1 PRI stand-alone switch with A-Law/u-Law conversion	LIBC-SW-4ET

### Hardware Options

DC PSU option (replaces internal AC)	LIBC-DC
Rack Mount Kit	PB/RMK/2
Cable Pack incl Controller Cable	LIBC/cpack/4P

### Software Options

Number Conversion/Translation Option	LIBC/NC
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### DbManager

Serial/LAN single device GUI. Larger systems should consider options below.	DBM/LITE
Single work-station DbManager with visibility/connectivity to 4 units.	DBM/1/4
Single work-station DbManager with visibility/connectivity to 10 units.	DBM/1/10
Other options are available. Please call.	

**Telephone Support, Technical Support & Software Updates for Product & DbManager - see "Patapsco Service & Support Options" document.**

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Mandatory first year Agreement. Telephone & Technical Support, Software Updates for Product & DbManager. 1-10 units installed price per unit	LIBC-1ATS1-1
Mandatory first year Agreement. Telephone & Technical Support, Software Updates for Product & DbManager. 11-50 units installed price per unit	LIBC-1ATS1-11

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Non-contracted Telephone & Technical Support Units. 24 TSUs (each 20 minutes)	LIBC-TSU24

### Non-contracted Software Updates for Product and DbManager

Non-contracted Software Updates for Product and DbManager.	LIBC-SU-1
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## Patapsco's Liberator "Q"

Part Number

### Hardware Packages

4-port NT/TE E1 or T1 PRI stand-alone switch. User-select all ports as E1 or T1	LIBQ-4ET
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### Hardware Options

DC PSU option (replaces internal AC)	LIBQ-DC
Rack Mount Kit	PB/RMK/2
Cable Pack incl Controller Cable	LIBQ/cpack/4P



# PatapSCO's Liberator "S" "C" & "Q" Order Information

## Software Options

Number Conversion/Translation Option LIBQ/NC

## DbManager

Serial/LAN single device GUI. Larger systems should consider options below. DBM/LITE

Single work-station DbManager with visibility/connectivity to 4 units. DBM/1/4

Single work-station DbManager with visibility/connectivity to 10 units. DBM/1/10

Other options are available. Please call.

## Telephone Support, Technical Support & Software Updates for Product & DbManager - see "PatapSCO Service & Support Options" document.

## Mandatory first year Agreement for Telephone & Technical Support & Software Updates for Product & DbManager

Mandatory first year Agreement.Telephone & Technical Support, Software Updates for Product & DbManager. 1-10 units installed price per unit LIBQ-1ATSL-1

Mandatory first year Agreement.Telephone & Technical Support, Software Updates for Product & DbManager. 11-50 units installed price per unit LIBQ-1ATSL-11

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## Non-contracted Software Updates for Product and DbManager

Non-contracted Software Updates for Product and DbManager. LIBQ-SU-1



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